

THE BULLETIN

KENTUCKY STATE COLLEGE

VOL. 10

FRANKFORT, KY.

NO. 3

*Catalogue Edition*

FOR THE TWO YEARS

1947-49

*Approved as a Standard Class "A" Four-Year College by the  
Southern Association of Colleges and Secondary Schools*



KENTUCKY STATE COLLEGE  
FRANKFORT, KENTUCKY

### *Important for Prospective Students*

1. Make room reservation early.
2. Have high school transcripts as well as credits earned at other colleges forwarded to the Registrar.
3. Enter on time.

### *How to Address Correspondence*

For information concerning rooms, please write:  
Office of the Dean of Men (Men).  
Office of the Dean of Women (Women).

For inquiries concerning transcripts, admission, courses of study, bulletins, etc., write:  
Office of the Dean and Registrar.

For information concerning student employment, write:  
The Personnel Secretary.  
Office of the Dean and Registrar.

Vol. 10 THE BULLETIN No. 3

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FIFTY-THIRD  
CATALOGUE EDITION

## KENTUCKY STATE COLLEGE

FRANKFORT



Announcements for  
1947-48  
1948-49

# YEARLY CALENDAR

1947

JANUARY	FEBRUARY	MARCH	APRIL
S M T W T F S	S M T W T F S	S M T W T F S	S M T W T F S
1 2 3 4	1	1	1 2 3 4 5
5 6 7 8 9 10 11	2 3 4 5 6 7 8	2 3 4 5 6 7 8	6 7 8 9 10 11 12
12 13 14 15 16 17 18	9 10 11 12 13 14 15	9 10 11 12 13 14 15	13 14 15 16 17 18 19
19 20 21 22 23 24 25	16 17 18 19 20 21 22	16 17 18 19 20 21 22	20 21 22 23 24 25 26
26 27 28 29 30 31	23 24 25 26 27 28	23 24 25 26 27 28 29	27 28 29 30
	30 31		
MAY	JUNE	JULY	AUGUST
S M T W T F S	S M T W T F S	S M T W T F S	S M T W T F S
1 2 3	1 2 3 4 5 6 7	1 2 3 4 5	1 2
4 5 6 7 8 9 10	8 9 10 11 12 13 14	6 7 8 9 10 11 12	3 4 5 6 7 8 9
11 12 13 14 15 16 17	15 16 17 18 19 20 21	13 14 15 16 17 18 19	10 11 12 13 14 15 16
18 19 20 21 22 23 24	22 23 24 25 26 27 28	20 21 22 23 24 25 26	17 18 19 20 21 22 23
25 26 27 28 29 30 31	29 30	27 28 29 30 31	24 25 26 27 28 29 30
			31
SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
S M T W T F S	S M T W T F S	S M T W T F S	S M T W T F S
1 2 3 4 5 6	1 2 3 4	1	1 2 3 4 5 6
7 8 9 10 11 12 13	5 6 7 8 9 10 11	2 3 4 5 6 7 8	7 8 9 10 11 12 13
14 15 16 17 18 19 20	12 13 14 15 16 17 18	9 10 11 12 13 14 15	14 15 16 17 18 19 20
21 22 23 24 25 26 27	19 20 21 22 23 24 25	16 17 18 19 20 21 22	21 22 23 24 25 26 27
28 29 30	26 27 28 29 30 31	23 24 25 26 27 28 29	28 29 30 31
		30	

1948

JANUARY	FEBRUARY	MARCH	APRIL
S M T W T F S	S M T W T F S	S M T W T F S	S M T W T F S
1 2 3	1 2 3 4 5 6 7	1 2 3 4 5 6	1 2 3
4 5 6 7 8 9 10	8 9 10 11 12 13 14	7 8 9 10 11 12 13	4 5 6 7 8 9 10
11 12 13 14 15 16 17	15 16 17 18 19 20 21	14 15 16 17 18 19 20	11 12 13 14 15 16 17
18 19 20 21 22 23 24	22 23 24 25 26 27 28	21 22 23 24 25 26 27	18 19 20 21 22 23 24
25 26 27 28 29 30 31	29	28 29 30 31	25 26 27 28 29 30
MAY	JUNE	JULY	AUGUST
S M T W T F S	S M T W T F S	S M T W T F S	S M T W T F S
1	1 2 3 4 5	1 2 3	1 2 3 4 5 6 7
2 3 4 5 6 7 8	6 7 8 9 10 11 12	4 5 6 7 8 9 10	8 9 10 11 12 13 14
9 10 11 12 13 14 15	13 14 15 16 17 18 19	11 12 13 14 15 16 17	15 16 17 18 19 20 21
16 17 18 19 20 21 22	20 21 22 23 24 25 26	18 19 20 21 22 23 24	22 23 24 25 26 27 28
23 24 25 26 27 28 29	27 28 29 30	25 26 27 28 29 30 31	29 30 31
30 31			
SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
S M T W T F S	S M T W T F S	S M T W T F S	S M T W T F S
1 2 3 4	1 2	1 2 3 4 5 6	1 2 3 4
5 6 7 8 9 10 11	3 4 5 6 7 8 9	7 8 9 10 11 12 13	5 6 7 8 9 10 11
12 13 14 15 16 17 18	10 11 12 13 14 15 16	14 15 16 17 18 19 20	12 13 14 15 16 17 18
19 20 21 22 23 24 25	17 18 19 20 21 22 23	21 22 23 24 25 26 27	19 20 21 22 23 24 25
26 27 28 29 30	24 25 26 27 28 29 30	28 29 30	26 27 28 29 30 31
	31		

KENTUCKY STATE COLLEGE  
Frankfort, Kentucky

## THE COLLEGE CALENDAR

1947-1948

### FALL QUARTER

1947  
September 22-23

September 24

September 25

September 27

November 26

December 1

December 17, 18

December 19

December 19

December 19

Freshman Orientation. September 22-Program begins 8:30 A. M. Attendance required of all freshmen.

8:00 A. M.-4:30 P. M.—Registration of all students, Jackson Hall. After 4:30 P. M. students who are accepted for registration must pay a late registration fee of \$5.00.

Instruction begins—8:00 A. M.

Last day of registration for credit, 12:00 noon.

Thanksgiving Holiday begins 12:00 noon.

Classes resumed, 8:00 A. M.

Final examinations for all students.

Christmas Breakfast, 5:30 A. M. (Attendance required of all students)

Releases (REQUIRED) granted beginning 8:00 A. M.

Fall Quarter ends 10:00 A. M.

1947-1948

### WINTER QUARTER

1948  
January 3

January 5

January 7

March 25, 26

March 26

8:00 A. M.-4:30 P. M.—Registration of all students, Jackson Hall. After 4:30 P. M. students who are accepted for registration must pay a late registration fee of \$5.00.

Instruction begins, 8:00 A. M.

Last day of registration for credit, 12:00 noon.

Final examinations for all students.

Winter Quarter ends, 5:00 P. M.

1947-1948

### SPRING QUARTER

1948  
March 30

March 31

April 1

April 5

April 14

April 19

May 21

May 28

May 29

June 4, 7

June 6

June 7

June 8

June 8

June 8

8:00 A. M.-4:30 P. M.—Registration of all students, Jackson Hall. After 4:30 P. M. students who are accepted for registration must pay a late registration fee of \$5.00.

Instruction begins, 8:00 A. M.

Last day of registration for credit, 12:00 noon.

Last day seniors may file application for degree.

K.N.E.A., beginning 12:00 noon.

Classes resumed, 8:00 A. M.

Annual Oratorical Contest, 8:00 P. M.

Annual Musical Recital, 8:00 P. M.

Junior-Senior Prom.

Final examinations for all students except graduating seniors.

Baccalaureate Sermon, 3:30 P. M.

President's Reception to Seniors.

Commencement Exercises, 10:30 A. M.

Releases (REQUIRED FOR ALL STUDENTS

EXCEPT GRADUATING SENIORS).

Spring Quarter ends.

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PART I  
GOVERNMENT  
CONTROL  
ORGANIZATION

GOVERNMENT AND CONTROL

Under the provision of K. R. S., Section 166.010, the management and control of Kentucky State College is vested in the State Board of Education. This board is composed of the State Superintendent of Public Instruction, elected by the people for a term of four years, and seven lay members, appointed for overlapping four year terms by the Governor.

STATE BOARD OF EDUCATION

JOHN FRED WILLIAMS, Superintendent of Public Instruction  
Chairman

Term expires January 1, 1948

GLADSTONE WESLEY, Somerset

Term expires July 1, 1947

O. M. TRAVIS, Monticello

Term expires July 1, 1948

MRS. H. A. BABB, Frankfort

Term expires July 1, 1948

JOHN W. FARMER, Lexington

Term expires July 1, 1949

MRS. HARRY H. RAMEY, Salyersville

Term expires July 1, 1949

RICHARD H. BARKER, Pineville

Term expires July 1, 1950

P. A. HART, Murray

Term expires July 1, 1950

R. E. JAGGERS, Frankfort, Secretary

MRS. GRACE T. WALTERS, Frankfort, Stenographer

THE STATE BOARD OF EDUCATION

The external government and control of the college is vested in the State Board of Education. The said board shall adopt such rules and regulations for the government of the school and guidance of the employees and students as it may deem proper.

## THE PRESIDENT OF THE COLLEGE

Immediate executive control of the college is effected through the president, the executive agent appointed by the board. Subject to the control of the board, he shall have general supervision of all educational and business affairs of the institution and of all disciplinary problems which may arise.

## THE EXECUTIVE COUNCIL AND INSTRUCTIONAL FACULTY

The internal government of the institution is in the hands of the faculty who act through the Executive Council and Instructional Faculty. The Executive Council, consisting of the president, dean and registrar, business manager, deans of men and women, and such other members as may be appointed by the president, exercises jurisdiction over cases of discipline and the formation of all general policies of the college, other than matters purely of an academic nature. The Executive Council is the highest internal governing body of the college.

The Instructional Faculty, consisting of the president, dean and registrar, heads of departments, and teachers, is charged with the formulation and direction of general academic policies and practices of the college. On matters of a purely academic nature, the Instructional Faculty is the final internal source of authority.

## THE COLLEGE

R. B. ATWOOD, President D. H. BRADFORD, Dean and Registrar

### ORGANIZATION

The College is organized into three main divisions: The Division of Applied Sciences, The Division of Arts and Sciences, and The Division of Education.

#### I. THE DIVISION OF APPLIED SCIENCES

Embracing the Departments of

##### AGRICULTURE:

Assistant Professor Manly, Head  
Mr. Adams

##### BUSINESS ADMINISTRATION:

Associate Professor Smith, Head  
Mr. Lewis

##### ENGINEERING AND INDUSTRIAL ARTS:

Associate Professor Gould, Head  
Mr. Shauntee

##### HOME ECONOMICS:

Associate Professor Morton, Head  
Mrs. Hamilton  
Miss Turner  
\*Miss Hamilton

#### II. THE DIVISION OF ARTS AND SCIENCES

Embracing the Departments of

##### ENGLISH LANGUAGE AND LITERATURE:

Associate Professor Holmes, Head  
Mr. Richards  
Mr. Cheaney  
Mr. Claybrooks  
\*Mr. Jason  
Miss Jordan  
Mr. Fletcher

##### ROMANCE LANGUAGE AND LITERATURE:

Associate Professor Richards, Head  
\*Mr. Jason  
Mr. Claybrooks

\* On leave.

#### HISTORY AND GOVERNMENT:

Professor Bradford, Head  
Mr. Smith  
Mr. Cheaney

#### SOCIOLOGY AND ECONOMICS:

Associate Professor Carmichael, Head  
\*Mr. Wright  
\*Mr. Yokley  
Miss Simpson  
Mr. Pryor

#### GENERAL SCIENCE:

Mr. Dixon  
Dr. Raines  
Mr. Jones  
Mr. Gould

#### CHEMISTRY:

Professor Raines, Head  
Mr. Hale

#### BIOLOGY:

Associate Professor Dixon, Head  
Mr. Taylor

#### MATHEMATICS:

Associate Professor Jones, Head  
Mr. Shauntee

### III. THE DIVISION OF EDUCATION

Embracing the Departments of

#### ELEMENTARY AND SECONDARY EDUCATION:

Associate Professor Dailey, Head  
Miss Wilson  
Mrs. Morton  
Miss Madison  
Miss Simpson

#### PHYSICAL AND HEALTH EDUCATION:

Mr. White  
Miss Ford  
Mr. Edwards  
Mr. Adams  
Mr. Crowe

#### MUSIC EDUCATION:

Associate Professor C. J. Michaels, Head  
Miss Branch

\* On leave.

### GENERAL ADMINISTRATION

#### ALMA LOUISE ALLEN

B. S., University of Colorado. Kentucky State College, 1945—  
*Secretary to the President*

#### RUFUS BALLARD ATWOOD

A. B., Fisk University; B. S., Iowa State College; M. A., University of Chicago; LL. D. (Hon.), Lane College. Kentucky State College, 1929—  
*President*

#### T. B. BIGGERSTAFF\*

D. D. S., Meharry Medical College. Kentucky State College, 1943—  
*School Dentist*

#### DAVID H. BRADFORD

A. B., University of Michigan; M. A., University of Michigan; Ph. D., University of Chicago. Kentucky State College, 1935—

#### E. BEATRICE BROWN

Kentucky State College, 1947— *Director of Kentucky Hall*

#### BESSIE L. COVINGTON

B. S., Kentucky State College. Advanced Study, Cornell University. Kentucky State College, 1942— *Dietitian*

#### JOHN ED CROWE, JR.

B. S., Xavier University; M. S., Indiana University; Kentucky State College, 1947—

*Dean of Men, Line Coach of Football, Part-time Instructor of Physical Education*

#### EARLYNE A. HARRISON

R. N., University of Georgia Nursing School—Ky. State College, 1947—  
*School Nurse*

#### ANN JACKSON HEARTWELL

A. B., University of Illinois. Advanced Study, University of Illinois. M. A., Columbia University. Kentucky State College, 1933—  
*Dean of Women*

#### MINNIE JOHNSON HITCH

A. B., Kentucky State College; M. A., Ohio State University. Advanced Study, University of Chicago. Kentucky State College, 1939—  
*Principal of Rosenwald Training School*

#### GIEBRETH HOLT

Attended Langston University; Kentucky State College, 1947—  
*Director of Chandler Hall*

#### MARSHALL JONES\*

M. D., Howard University. Practicing Physician in the city of Lexington, Ky. United States Medical Corps. Kentucky State College, 1946—  
*School Physician*

#### SHELEY F. LYNEM

A. B., Kentucky State College. Kentucky State College, 1940—  
*Business Manager*

\* Part-time.

CATHERINE MOODY

B. S., Tennessee State College; Kentucky State College, 1947—  
*Clerk, Business Office*

RUTH A. MOSELEY

Studied at New York University and University of Pennsylvania.  
Kentucky State College, 1946— *Director of Atwood Hall*

CATHERINE G. NASH

A. B., Spelman College; B. S., Western Reserve University.  
Kentucky State College, 1945— *First Assistant Librarian*

FRANCES ANN POINDEXTER

B. S., Kentucky State College; Kentucky State College, 1947—  
*Clerk, Business Office*

EDITH IOLA PRUNTY

B. A., Shaw University; B. L. S., Atlanta University. Kentucky  
State College, 1947— *Assistant Librarian*

THOMAS HUGH QUALLS

A. B., Texas College. Kentucky State College, 1945—  
*Cashier*

JESSIE P. ROACH

A. B., Kentucky State College. Kentucky State College, 1941—  
*Assistant Director of Kentucky Hall*

ELLA B. SCOTT

Attended Kentucky State College. Kentucky State College,  
1947— *Bookkeeper, Business Office*

W. A. STRONG

B. S., American International College; M. B. A., University of  
Pennsylvania. Kentucky State College, 1945 1947—  
*Business Manager*

CATHERINE O. VAUGHAN

A. B., Virginia State College; B. S. (Library Science), Western  
Reserve University. Kentucky State College, 1943— *Librarian*

CLARA B. WEBB

B. S., Tennessee State College. Kentucky State College, 1945—  
*Secretary to the Dean and Registrar*

JOHN T. WILLIAMS

B. S., Langston University; M. A., University of Cincinnati; Ed.  
D., Indiana University. Kentucky State College, 1929-1947—  
*Dean and Registrar*

VIOLET J. WOOD

A. B., Kentucky State College. Kentucky State College,  
1929-1947—

BERNADETTE WOOLDRIDGE

A. B., Kentucky State College. Kentucky State College, 1940—  
*Day-Student Supervisor*

FACULTY

RUFUS BALLARD ATWOOD

A. B., Fisk University; B. S., Iowa State College; M. A., Uni-  
versity of Chicago; LL. D. (Hon.), Lane College. Kentucky State  
College, 1929— *President*

DAVID H. BRADFORD

A. B., University of Michigan; M. A., University of Michigan.  
Ph. D., University of Chicago. Kentucky State College, 1935—  
*Dean and Registrar—*

VERA B. BRANCH

B. S., Virginia State College; M. A., Columbia University. Ken-  
tucky State College, 1946— *Instructor of Music*

M. P. CARMICHAEL

A. B., Samuel Houston College; Ph. B., University of Chicago;  
M. A., University of Chicago. Advanced Study, Columbia University.  
Kentucky State College, 1930—

*Associate Professor of Sociology and Economics*

HENRY E. CHEANEY

A. B., Kentucky State College; M. A., University of Michigan.  
Advanced Study, University of Michigan and University of Chicago.  
Kentucky State College, 1936—

*Assistant Professor of History and Government*

ROBERT E. CLAYBROOKS, JR.

B. A., M. A., University of Illinois. Kentucky State College,  
1947— *Instructor of Spanish and English*

JOHN ED CROWE, JR.

B. S., Xavier University; M. S., Indiana University. Kentucky  
State College, 1947— *Part-time Instructor of Physical Education*

THEODORE R. DAILEY

A. B., Wilberforce University; M. A., Indiana State Teachers Col-  
lege. Advanced Study, University of Chicago. Kentucky State Col-  
lege, 1937—

*Associate Professor of Education*

WILLIAM L. DIXON

B. S., Morehouse; M. A., Atlanta University. Advanced Study,  
University of Kansas. Kentucky State College, 1944—

*Associate Professor of Biology*

JOSEPH G. FLETCHER

B. S., Hampton Institute; M. A., Cornell University. Advanced  
Study, Columbia University. Kentucky State College, 1945—

*Associate Professor of English and Coach of Basketball*

FAYE FORD

B. S., Wilberforce University. Kentucky State College, 1946—  
*Instructor of Physical Education*

ROBERT M. WHITE

B. S., Kentucky State College; M. A., Indiana University. Kentucky State College 1939—

*Associate Professor of Health and Physical Education*

JOHN T. WILLIAMS

B. S., Langston University; M. A., University of Cincinnati; Ed. D., Indiana University. Kentucky State College, 1929-1947—

*Professor of Education*

CHARLOTTE E. WILSON

A. B., Knoxville College; M. A., Columbia University. Advanced Study, University of Chicago. Kentucky State College, 1936—

*Assistant Professor of Education*

\*ARNOLD W. WRIGHT

B. S., Alabama State College; M. A., Atlanta University. Advanced Study, University of Wisconsin. Kentucky State College, 1936—

*Assistant Professor of Sociology and Economics*

\*RAYTHA L. YOKLEY

A. B., Kentucky State College; M. A., Indiana University. Kentucky State College, 1946—

*Instructor of Sociology*

\* On leave.

## PART II

## GENERAL INFORMATION

## AIMS OF THE COLLEGE

The aims of the Kentucky State College are:

1. The training of teachers, administrators, and supervisors for the public educational system of the Commonwealth.
2. The training of workers in agriculture and home economics.
3. Preparation for the entrance upon graduate and professional study.

While emphasis is placed by the college upon these major aims, as was originally intended by the State, the institution is also attentive toward the training and development of qualities which are necessary for effective living in present-day society. To the end that its graduates may be trained for the complete and full life, the college offers a program of curricular and extra-curricular activities that includes the following objectives:

- a. acquisition and maintenance of sound health
- b. discovery and development of interests and aptitudes
- c. cultivation of an appreciation for beauty and nature
- d. application of ethical ideals in individual and economic relationships
- e. preparation for worthy home membership
- f. preparation for the proper use of leisure time
- g. cultivation of an appreciation for and an understanding of the racial heritage
- h. preparation for social adjusting
- i. achievement of excellence in scholarship
- j. development of a Christian philosophy of life

## HISTORY OF THE COLLEGE

The Kentucky State College is the result of an act passed by the General Assembly of Kentucky in 1886. This act established the State Normal School for Colored Persons and was approved by Governor J. Proctor Knott on the 18th day of May in the same year. The city of Frankfort, through its council, donated \$1,500.00 for a site. Since that day that site has been locally known as "Normal Hill."

The next year, 1887, Jackson Hall, containing four rooms and a Chapel, was erected. John H. Jackson, A. M., from Berea College, was elected as first president. The school opened its doors on October 11 with three teachers, and before the school year ended there were enrolled fifty-five students.

During the last decade of the 19th century the school witnessed many changes. In 1890 there were added the departments of Home Economics, Agriculture and Mechanics. In the spring of this year the school turned out its first graduates, a class of five. In 1893 there was organized a High School department. In 1897 a farm of 265 acres was purchased for the Agricultural Department. This expansion continued in the 20th century, both in name and program.

In 1902 the name was changed to "Kentucky Normal and Industrial Institute for Colored Persons," and the president was made an ex officio member of the Board of Trustees.

In 1908 a Practice School was organized.

The next year Hume Hall and Hathaway Hall were erected.

In 1911 the school had its first Summer School.

In 1921, through a gift from Mr. Rosenwald, a new brick school was erected for Practice Teaching.

In 1926 the name of the school was again changed to "Kentucky State Industrial College for Colored Persons" and provisions made in the statutes that the President be elected for a term of four years.

In 1938 the name was changed to Kentucky State College for Negroes.

The presidents have been as follows:

John H. Jackson, A. M. (Berea) 1887-1898.

James E. Givens, A. B. (Harvard University) 1898-1900.

James S. Hathaway, A. M., M. D. (Berea and Simmons) 1900-1907.

John H. Jackson, A. M. (Berea) 1907-1910.

James S. Hathaway, A. M., M. D. (Berea and Simmons) 1910-1912.

G. P. Russell, B. Lit. (Berea); LL. D. (Wilberforce) 1912-1923.

F. M. Wood, D. Ped. (Kentucky State College) 1923-1924.

G. P. Russell, B. Lit. (Berea); LL. D. (Wilberforce) 1924-1929.

R. B. Atwood, A. B., B. S., M. A., LL. D. (Fisk, Iowa State, University of Chicago, Lane) 1929.

#### LOCATION

Kentucky State College is situated about three hundred feet beyond the city limits of Frankfort, on a beautiful hill overlooking the city. Its campus consists of about thirty-five acres of rolling land, beautifully studded with evergreen and deciduous shade trees. Its farm, consisting of two hundred sixty-five acres of choice blue-grass land, adjoins the campus.

The Louisville and Nashville Railroad, carrying not only its own trains, but those of the Chesapeake and Ohio Railroad Company, passes through this farm.

The U. S. Highway No. 60 passes between the campus and farm, forming a dividing line between them. Entrances to both campus and farm are located on this thoroughfare.

## BUILDINGS AND EQUIPMENT

### CHANDLER HALL

*Chandler Hall* is a modern, three-story, fire-proof, brick dormitory for women, erected in 1939, and valued, with equipment, at \$110,000.00. The first floor provides a spacious lobby, reception room, office for the director, a small kitchenette and diner for the use of various clubs and sororities, apartment for the Dean of Women, and 14 student rooms.

The second floor provides a girls' lounge, reading room, pressing and drying room, beauty parlor, and 16 student rooms.

The third floor provides a hospital for girls and 18 student rooms.

The basement provides one large club room and ample room for storing trunks.

### KENTUCKY HALL

*Kentucky Hall* is a two-story, double-L shaped, modern, fire-proof, brick dormitory for women, which has a basement and sub-basement. It was erected in 1929 at a cost of \$150,000.00 and equipped at a cost of \$34,000.00.

The building contains fifty-two student rooms which will accommodate 107 women, the director's apartment, and the office of the Dean of Women, as well as one large reception room.

In the basement is the day-student lounge and one large club room. In the east end of the basement is housed the school's laundry. The west end of the basement, with its own separate entrance, houses the Department of Business Administration. In this Department are located one typing room, one stenography and lecture room, one bookkeeping and accounting room, lobby, and office of the Head of the Department of Business Administration. The south end of the basement houses the experimental laundry for the Home Economics Department.

In the sub-basement the Kentucky State Cooperative Association is located. It is a restaurant, lounge, and general store combined. In this department are one large room which is equipped completely for serving food and handling general merchandise, a large store room, and the office of the managerial staff of the Cooperative.

There is ample space in the attic for the storage of trunks.

### JACKSON HALL

*Jackson Hall* is a two-story, brick building of the German Castle style, erected in 1887, and is now valued at \$24,000.00. It is the first building that was built on what is now the site of Kentucky State College for Negroes. This Hall serves as the main classroom build-

ing and contains on the first floor the office of the Dean and Registrar, laboratories for chemistry and physics, two lecture rooms, and teachers' offices. On the second floor are five lecture rooms.

#### UNDERWOOD REFECTORY

*Underwood Refectory* is a modern one-story brick building with a large basement, erected in 1940 and valued with equipment at \$120,000. This building is the College Dining Hall, with a seating capacity of 600. The main dining room is equipped with round tables with 8 seats to a table for students, and 4-seat tables for teachers. Adjoining the main dining room is the office of the dietitian. There are lobbies and rest rooms for men and women students.

The kitchen is equipped with all modern conveniences of steam, electricity, and gas, promoting thorough cleanliness and the most modern methods for the preparation of wholesome foods.

The basement houses the college ice plant and storerooms. All storerooms are equipped with refrigerator boxes and other modern conveniences for the preservation of fresh vegetables, poultry products, dairy products, and fresh and cured meats.

#### ATWOOD HALL

*Atwood Hall* is a modern, three-story, double-L shaped, fire-proof dormitory for men students. It was erected in 1935 and is valued with equipment at \$140,000.00.

The first floor contains 10 student rooms, 2 club rooms for students, a spacious lobby, a 5-room apartment for the Dean of Men, office for the Dean of Men and Director, two guest rooms, rooms for men teachers, linen closets, and centrally located bathrooms.

The second and third floors contain 30 bedrooms each, with 2 wardrobe closets, centrally located bathrooms, linen closets, janitor closets, and necessary halls and corridors. Ample space is provided in the trunk room for the storage of trunks.

#### RUSSELL MEMORIAL HALL

*Russell Memorial Hall* is a three-story brick dormitory which contains on second and third floors sixteen rooms and two kitchens for women teachers. On the first floor there are two faculty apartments and a reception room for the teachers. The basement contains a faculty recreation room, a service kitchen, laundry and storeroom. The building was erected in 1920 and renovated in 1947. The estimated value of the building is \$90,000.00.

#### HOME ECONOMICS PRACTICE COTTAGE

*The Home Economics Department* has in its possession a 7-room frame bungalow that is used for a model home and practice for home management classes. It contains 2 student bedrooms that accommodate 4 students, a bedroom for the director, living room,

dining room, kitchen, bath, and front and back porches. This dwelling is neatly furnished and equipped with all modern conveniences of the home. It is valued with equipment at \$5,000.00.

#### HUME HALL

*Hume Hall* is a two-story, native Kentucky stone building, erected in 1909, and valued at \$40,000.00. It houses on the first floor, the offices of President, and the Library.

The second floor is the school auditorium with a seating capacity of 500.

#### BELL GYMNASIUM

*Bell Gymnasium* is a brick building, erected in 1931 at a cost of \$32,000.00. This building houses the department of Physical and Health Education. It has a large basketball court, courts for various indoor games, a stage for dramatic presentations, projection equipment for moving pictures, offices for men and women instructors, dressing rooms, lockers, and showers for both men and women.

#### MUSIC HALL

This is a two-story home which has been converted into the Music Department for the College. The first floor contains the office for the Director, two studios and two practice rooms. Living quarters for two members of the Music faculty are contained on the second floor. The basement contains the heating unit and undeveloped space for recreation.

#### HATHAWAY HALL

*Hathaway Hall* is a two-story, native Kentucky stone building erected in 1909 and valued at \$47,000.00.

On the first floor are the Departments of Agriculture, Biological Science, and three lecture rooms. The entire second floor is used for the Department of Home Economics. There are modern clothing and food laboratories equipped with modern furnishings. The dining room adjoins the food laboratory. In addition, there are one lecture room and the office for instructors of Home Economics.

In the basement of this building are housed the Maintenance and Repair Shop and the office of the Superintendent of Buildings and Grounds. The annex to this building houses the Department of Engineering. There is one large drawing room, erected in 1942 and equipped with all modern conveniences for Engineering Drawing and Blue-Printing.

#### FARM BUILDING

*The farm dormitory* is a dwelling built on the order of the old southern plantation home. It is conveniently located close to the campus and affords a picture of scenic beauty when seen from the campus over the rolling land. It has accommodations for twenty boys and an apartment for the farm foreman.

One large barn serves the school in general as shelter for its animals and storage for feed crops. There are five poultry houses, an implement shed and several hog houses.

The farm buildings are valued with equipment at \$7,000.00.

#### ROSENWALD LABORATORY SCHOOL

The donation of \$1,200.00 by Julius Rosenwald of Chicago, supplemented by liberal contributions from the white and colored citizens of Franklin County, enabled the Trustees of the College to erect a modern rural school building which serves the three-fold purpose of a rural school, a practice school for teacher-training, and a community center. The building is of brick construction, and is heated by a furnace. Four acres of valuable ground surround the building and are used for a playground and school gardens.

#### PRESIDENT'S RESIDENCE

An eight-room, modern, two-story brick dwelling, erected in 1919 and valued at \$8,000.00.

#### TEACHERS' COTTAGES

The school possesses three frame cottages and a two-story brick cottage for teachers, conveniently located on the school campus and valued at \$20,000.00.

#### FIELD HOUSE

The Field House is a one-story, concrete block building, with a basement, erected in 1941 by young men through the National Youth Administration. In 1947, it was completely renovated and now contains locker and shower rooms for the athletic teams, storage bins for athletic equipment, a room for visiting teams and toilets for both men and women.

In addition to the alterations on the Field House, the Alumni Field was completely renovated in 1947, making it a modern gridiron in every respect. It is electrically lighted, so that many of the games may be played at night. The total value of the Field House and the athletic field at the present time is estimated at \$150,000.00.

#### COLLEGE BOILER HOUSE

The College Boiler House, erected in 1939, is a brick, one-story modern fireproof building with a smoke stack 150 feet high.

It is equipped with the most modern conveniences for heat production and supplies heat and hot water for the entire campus.

In addition, it houses the machine shop for the Maintenance Department.

It is valued with equipment at \$75,000.00.

#### STUDENT ORGANIZATIONS

The students find opportunities for expression and development through various voluntary student organizations. The following constitute a list of such organizations:

*Kentucky Progressive Aggies* (Agricultural Club), organized in 1929, have the following as their main objectives: Promotion of progress through scientific study in the field of Agriculture; special study in Agricultural problems of Kentucky Negro farmers; fostering exhibitions at the close of each school year, and the rendering of programs of agricultural interest, which shall be both entertaining and informational.

*The Kentucky Hall Club*, organized in 1931, is the medium through which all women students in the dormitory aid in the promotion of better living conditions. This organization purposes, first, to foster student leadership; second, to stimulate the academic standing of women students; third, to develop home-like spirit among the young ladies, using the "Golden Rule" as a basis; fourth, to give each young woman an opportunity to be a member of a distinct social group. Motto—"To live together harmoniously."

*Atwood Hall Club*.—This club is a medium through which all men students in the dormitory aid in the promotion of better living conditions. It fosters student fellowship, loyalty and social contact among men; it sponsors only activities which are of material benefit to Kentucky State.

*Russell Memorial Hall Club*, organized February, 1937, has for its purpose the promotion of fellowship and is the self-government unit of the dormitory.

*Varsity K*.—An athletic organization composed of men and women who have been awarded a letter in any of the recognized sports under the Athletic Department. Cooperativeness, initiative, leadership and good sportsmanship are some of the ideals fostered through this organization.

*The Chandler Hall Club*, organized March, 1940, is the house government unit of the dormitory of Junior-Senior women. Its aims are to better acquaint the residents with each other; to reach students who fail to participate in other extra-curricular activities; and through house governments to build up patterns of self-control.

*The International Relations Club*.—The Department of History and Government with the cooperation of the Carnegie Endowment for International Peace organized in 1937 an International Relations Club. This organization is open to all students interested in problems of international peace and good will. The Endowment regularly supplies the club with the latest books and pamphlets on international affairs. The club has proved to be a source of information and inspiration for many of the students.

*Mu Sigma*.—The Science Club was revived in 1931 under the name of Mu Sigma. It has for its aims the impression upon the

minds of the students the value of applied science, and the creation of a scientific atmosphere in the intellectual group.

*Home Economics Club.*—The aims of the Home Economics Club are: To develop professional spirit and correlate home economics with other school and community activities; to bring students in closer touch with the greater home economic organizations and activities in the state and nation. All students enrolled in Home Economics classes may become members of this club.

*Alpha Kappa Mu Honor Society* is designed to give recognition and encouragement to high scholarly attainment. Any student who is enrolled in any department of the College who maintains an average of "B" or better for nine quarters of college work is eligible to become a member of this Society.

#### FRATERNITIES AND SORORITIES

*Beta Zeta Chapter* of the Alpha Kappa Alpha Sorority was set up on Kentucky State College Campus, February 25, 1933. The purpose of the sorority is to cultivate and encourage high ethical and scholastic standards among college women, and to establish unity and friendship among the more efficient college students, also among alumnae, keeping alive their interest in college life.

*The Beta Mu Chapter* of Alpha Phi Alpha Fraternity was set up on Kentucky State College campus April 28, 1933. This is a national organization, whose aims are for the promotion of the highest type of scholarship and manly deeds.

*The Alpha Pi Chapter* of the Delta Sigma Theta Sorority was organized at Kentucky State College April 30, 1934. This sorority aims to establish and maintain high standards of scholarship, morals and refinement among college women of a given calibre.

*Psi Psi Chapter* of the Omega Psi Phi Fraternity was set up at Kentucky State College November 9, 1934. It aims to promote a feeling of brotherhood and cooperation among college men.

*Xi Lambda Chapter* of the Phi Beta Sigma Fraternity was organized at Kentucky State College on February 13, 1935. It aims to promote among selected young men, brotherhood, scholarship and service.

*The Alpha Upsilon Chapter* of the Kappa Alpha Psi Fraternity was organized at Kentucky State College March 1, 1935. This fraternity aims at the highest achievement in scholarship, and manly development of its members, and the general improvement of college life.

*The Eta Alpha Chapter* of the Zeta Phi Beta Sorority was set up on Kentucky State College campus, April 20, 1935. The purpose of this sorority is to encourage "Finer Womanhood," scholarship and unity among the college students and alumnae.

*Omega Chapter* of the Beta Kappa Chi Scientific Society was organized at Kentucky State College, October 14, 1946. The objective

of this Society is the encouragement and the advancement of scientific education, research and the dissemination of scientific knowledge.

The Sigma Gamma Rho Sorority was organized at Kentucky State College on April 11, 1947. The objectives of this sorority are to foster and encourage education and upright living in Negro women, thus helping and promoting the general welfare of the Negro race.

#### PANHELLENIC COUNCIL

The constitution of the Panhellenic Council set forth the aims and purposes of that student organization as follows:

"To establish and develop a spirit of cooperation among the various fraternities and sororities on the campus, in order to foster a constructive program that will stimulate and guide each individual of the Greek letter organizations to follow the principles of fraternalism; and in order that the best interests of the college may be conserved."

#### STUDENT COUNCIL

Beginning with the academic year 1935-36, a Student Council became operative. The aims and purposes of the council as stated in its constitution are:

"To develop a spirit of cooperation on the campus, to encourage student initiative, to afford development through self-control and leadership, and to create an intermediary between faculty and students in matters of general welfare, to unite in forming an association of all the student body."

#### ATHLETICS

The college fosters a wholesome program of athletics. The major sports are inter-collegiate football, basketball, track and field, and boxing. Intramural athletics for all students are sponsored by the Department of Health and Physical Education. These activities include volleyball, basketball, aerial dart, badminton, shuffleboard, ping pong, softball, horseshoe pitching, and track and field. The college is a member of the Mid-Western Athletic Association, and adheres strictly to the rules of this body.

#### DRAMATICS

The Kentucky State College Theatre gives opportunity for students with a talent for dramatics to participate in the production of several plays each year. These participants are known as the "Kentucky Players."

#### FORENSICS

Debate teams, for both men and women, are organized in order to give students with this interest an opportunity. Inter-class debates are held annually, and debating teams are selected from

these participants. Such teams participate in the number of inter-collegiate debates held during the year. Students of the college who demonstrate to the satisfaction of the coach of debate and members of the Edmund Burke Debating Society a competence in for-ensics, are admitted to membership in this organization.

#### PUBLICATION

The Kentucky Thorobred—issued monthly during the regular session—is the official organ of the college. It includes news of the college activities as well as of the alumni.

#### THE COLLEGE MOVIE

Presentation of the best movies is a regular feature of the college program. Movies are shown from one to three times per week.

#### SOCIAL LIFE

Social intercourse, properly supervised, will be encouraged and emphasized in the college. In all the entertainments provided for students, the aim is to develop properly the social side of life.

#### RELIGIOUS OPPORTUNITIES

Realizing the great advantage of training the heart as well as the head and hands of its young men and women, thus awakening and quickening their sense of responsibility for their fortunate fellows, a non-sectarian Sunday School, a Y. M. C. A. and Y. W. C. A. are maintained. Aside from these the school holds devotional exercises three times a week, prayer meeting once a week and Church or Vesper services each Sunday, all of which are compulsory.

#### STUDENT EMPLOYMENT

*Campus.*—The institution employs approximately 125 students as helpers in the dining hall, kitchen, dormitories, classroom buildings and on the farm. This work is given to the most worthy and needy students. Students desiring work should write for an application blank and file the same in the office of the Personnel Department, not later than July 15. It frequently happens that students who must work their way through school are unable to carry the full schedule of classes, and this fact should be borne in mind when accepting a job. In the event there is a conflict between a student's job and his class work, one of them must be dropped.

*City.*—A number of students are able to secure work with families, boarding houses and other places in the city. However, parents are cautioned against permitting their girls to work in the city, unless they fully understand the living conditions of the girl and the care and chaperonage which she will receive. Girls will be permitted to live in the city only on condition that they are living with relatives or that they are living under conditions approved by the institution.

#### GOVERNMENT AND DISCIPLINE

The general direction of collegiate affairs is in the hands of the President, the Dean and the Faculty of the college, with special problems being brought before the Executive Council. The Dean of Women has supervision over the interests of women students; the Dean of Men, of men students. Students showing themselves at variance with the rules of the college may be dismissed for the good of the institution. The Student Council was organized May, 1935. Its purpose is to cooperate with the administration in maintaining a high plane of student morale and discipline.

#### COLLEGE EXPENSES FOR ONE QUARTER

##### ROOMS AND BOARD FOR STUDENTS ROOMS

##### ROOMS FOR MEN STUDENTS

*Atwood Hall*, the men's dormitory, accommodating 140 men, is completely furnished, lighted by electricity, heated by steam, equipped with shower baths and is comfortable at all seasons of the year. All rooms accommodate two students.

Room rent per month for each male teacher is as follows:

Single room (adjoining bath) .....	\$10.00
Double room (adjoining bath) .....	7.50
Single room (no adjoining bath) .....	10.00

The institution maintains at all times a list of Frankfort homes offering rooms for men students. Information concerning these rooms will be furnished by the Dean of Men upon request.

##### ROOMS FOR WOMEN STUDENTS

*Kentucky Hall*, a women's dormitory, accommodates 107 students; 41 rooms are two-student rooms; 7 rooms are three-student rooms; 4 are one-student rooms. All rooms are steam heated, and lighted by electricity.

Room rent per month for each student is \$4.75 to \$6.50.

Young women are expected to room on the campus when attendance does not exceed the capacity of the dormitory unless for special reasons they are granted permission by the Dean of Women to room elsewhere.

During those quarters when the attendance exceeds the capacity of the dormitory the school maintains a list of private homes which agree to take student roomers under conditions and rates accepted by landladies and the school. All young women, except those whose homes are in Franklin County, are required to room in one of the homes listed.

Students should not engage rooms or board before ascertaining from the school that the landlady's home is on the list. The fact that

students have roomed and boarded at a home during some previous year is not necessarily a guarantee that the home is at the present on the list. Women students desiring to room with relatives or friends should notify the Dean of Women of such intention as early as possible before coming to secure the school's approval if it can be given.

All students not living in their own homes, whether rooming in the dormitories or in private homes or rooming houses, are alike subject to the regulations, control and supervision of the school.

*Chandler Hall*, a dormitory for women students contains 46 rooms and accommodates 92 women students. All rooms are steam heated and lighted by electricity. Room rent for each student is \$5.25 per month.

*Teachers' Cottage*: Room rent for each teacher is \$6.00 per month.

#### HOUSING FOR VETERANS

Although some veterans prefer to live in the large dormitory for men, special consideration is given both single and married veterans.

##### FOR SINGLE VETERANS:

There are two dormitory barracks with comfortable accommodations for sixteen veterans each. These buildings afford a very club-like atmosphere for single veterans living together and enjoying common interests. Each barrack is provided with a lounge and two wash rooms. The cost of rent is \$6.50 per month.

##### FOR MARRIED VETERANS:

There are available for married veterans and their wives, eighteen comfortable trailers. These units afford a home-like and enjoyable atmosphere and are located on a very select part of the campus. There are separate men's and ladies' toilets and a central laundry. Each unit has its own individual cooking and heating facilities and electricity is supplied. The cost of a trailer is \$22.50 per month. This cost includes the furnishing of all utilities.

##### CARE OF ROOMS

Students are expected to care for their rooms and to keep them clean and orderly. The college attempts to make it possible for students to live in a refined atmosphere and under good living conditions; therefore, it expects those who occupy rooms in the dormitories to keep them in good condition. Students are expected to be economical in the use of water, lights and heat. Lights should always be turned off when leaving rooms.

##### ARTICLES TO BE FURNISHED BY STUDENTS

Whether rooming on the campus or in private homes, students are required to furnish two pairs of pillow cases, three sheets, spreads and comforts or blankets, towels, soap and runners for table and dresser.

#### ADVANCE ASSIGNMENT OF ROOMS

Applications for rooms in the dormitory are receivable at any time. Such application should be made as soon as practicable, as reservations will be made in the order in which the applications are received, but no reservation will be made unless there is an advanced payment of \$6.50, one month's room rent. This amount will be refunded only in cases of non-attendance on account of personal illness, provided notice is given prior to the opening of school and the room space can be rented to someone else.

#### BOARD

Board is provided in the college dining hall. Men and women students occupying rooms on the campus are positively required to take their meals at the college dining hall. Students rooming off the campus may take their meals in the college dining hall. Positively no cooking or storage of food will be permitted in the dormitory rooms. Any student violating this rule may be asked to release his or her room, and in the case of such a release of rooms no room rent will be refunded. Board is \$25.00 per month, payable in advance.

#### THE BOARDING DEPARTMENT

The boarding department is located in Underwood Refectory. The main dining room has a seating capacity for 500 students and the faculty. The boarding department provides wholesome food and balanced diets, thus aiding in the acquisition and maintenance of sound health. It aims to cultivate an appreciation for the necessary kinds of food, good table manners, and the beauty and satisfaction derived from social contacts at meal time.

This department also employs student help, thus permitting students to receive training along the lines of table service, food preparation, management, etc. These experiences may prove beneficial to girls later in life.

#### A. TUITION

##### 1. Kentucky State Students

No tuition is charged students whose legal and permanent address is in the State of Kentucky.

##### 2. Out-of-State Students

Students from states other than Kentucky pay a tuition fee of \$15.00 per quarter at the time of registration.

#### B. INCIDENTAL FEE

Each student pays an incidental fee of \$18.50 at the time of registration. The fee entitles each student to:

1. Health service, which includes reasonable dental and medical attention.
2. Library service.
3. Admission to a regular number of lectures and recitals.

4. Subscription to Thorobred (a student publication).
5. Admission to local intercollegiate conference athletic contests.

#### C. LAUNDRY

A laundry fee of \$1.25 per month, payable in advance, is charged each student.

Laundry service is offered students in the college laundry. A limited number of garments are washed and ironed for men students. Flat work is washed and ironed for women students, but dresses and other garments that cannot be ironed by machinery are returned roughdried. Such articles may be ironed by women students in the college laundry.

#### D. MISCELLANEOUS FEES

The following fees are charged for the purpose of covering the cost of supplies, materials and services used by the student:

Late Registration Fee .....	\$ 5.00
Laboratory (per credit hour) Science Courses .....	1.00
Demonstration (certain courses in Science) .....	.50
Radio (per month) .....	.50
X-Ray (per year) .....	1.50
Certain Vocational Courses (per credit hour) .....	15.00
(Other course fees may be charged for any other courses in which the college furnishes individual supplies or equipment to the student.)	
Key Deposit (per year) .....	1.00
Piano—	
One half hour lesson per week, per quarter .....	\$ 9.00
Two half hour lessons per week, per quarter .....	12.00
Class instruction in piano, per quarter .....	5.00
Organ—	
Two half hour lessons per week, per quarter .....	18.50
Voice—	
One half hour lesson per week, per quarter .....	9.00
Instruments—	
Class instruction in instruments, per quarter .....	5.00

The student who lives in Kentucky should come prepared to pay on entrance:

Incidental Fee .....	18.50
One month's room rent .....	4.75-6.50
One month's board .....	25.00
One month's laundry .....	1.25
Key Deposit .....	1.00
Estimated entrance payment, excluding books, supplies and special fees .....	\$50.50-\$52.25

Out-of-State students will pay a fee of \$15.00 in addition to the above estimate.

For a statement of fees charged during the Summer School, please see the Summer School Announcement.

#### UNIFORMS FOR PHYSICAL EDUCATION

Physical Education is required of all freshman and sophomore students. Uniforms for these classes are estimated:

##### Women Students:

Suit .....	\$3.00
Shoes .....	3.00
Socks .....	.65

##### Men students:

Trunks .....	\$2.25
Shirts .....	1.25
Socks .....	.65
Supporter .....	.65
Sweat shirts .....	
Shoes .....	4.00

#### FEE FOR LATE REGISTRATION

A fee of \$5.00 is assessed every student presenting himself to begin or complete any part of his registration after the day provided for that purpose.

#### FEE FOR CHANGE OF SCHEDULE

A fee of 50c will be charged for each voluntary change which a student makes in his schedule after it has been prepared and approved at the time of registration. Therefore, students are advised to give careful study to the class program and the requirements to be met before having their class schedule approved. If the change in the schedule is requested by the Registrar, the student will not be required to pay the fee.

#### FEE FOR SPECIAL EXAMINATION

A student who misses a quarterly examination will be required to pay to the college a fee of 50c per credit hour for each examination missed before it is given to him.

A special fee of \$1.00 is also required for students taking achievement entrance examinations, or intelligence tests.

#### FEE FOR LATE MEDICAL EXAMINATION

Students who do not undergo medical examination at the time set aside for that purpose must make special provision for the examination under the supervision of the Head of the Department of Health Education. A special fee of \$1.00 will be charged for this service.

#### GRADUATION FEE

A graduation fee of \$8.00 is charged each student who makes application for a degree. This fee covers the cost of the rental of cap and gown and the cost of the diploma.

## DEDUCTIONS, REFUNDS AND WITHDRAWALS

After three weeks from the first day of official registration, no refund will be made, except as follows:

1. When a student withdraws within one week of the official date of registration as specified in the catalogue, 75 per cent of the tuition and incidental fees will be refunded.
2. When a student withdraws within two weeks of the official date of registration as specified in the catalogue, 50 per cent of the tuition and incidental fees will be refunded.
3. When a student withdraws within three weeks of the official date of registration as specified in the catalogue, 25 per cent of the tuition and the incidental fees will be refunded.
4. Board: Refund or credit on board will be made only on the basis of a weekly unit.
5. Room Rent: A refund on room rent will be made on the basis of a monthly unit.
6. No refund will be given on changes made for lessons in Applied Music unless the student withdraws officially from the college. Such refunds will be made only on a monthly unit basis.

### STUDENT BILLS

All bills for board, room, laundry or other fees, except those incurred as penalties, are due and payable in advance. Students who fail to meet their financial obligations are subject to suspension from all student privileges. This rule applies to students in all departments.

### COST OF BOOKS

The cost of books and supplies for the quarter may be estimated at from \$15.00 to \$20.00.

## PART III ADMISSION AND GENERAL REGULATIONS

## ADMISSION

Graduates of high schools accredited by the State Department of Education or a recognized regional accrediting association are admitted to the college on certificate, provided they have fifteen credits of high school work acceptable to the college. In these fifteen credits five basic units are required: Three must be in English and two in mathematics. The other ten units may be chosen from a group of electives. Only students holding certificates of graduation from accredited high schools will be admitted without examination. Students presenting certificates of graduation from non-accredited high schools will be required to validate, by examination, credit in the five basic units mentioned above and in two other subjects representing one unit each to be selected by the student.

### VETERANS WHO ARE NOT HIGH SCHOOL GRADUATES

For those veterans of World War II who are not high school graduates, there are two plans:

1. Any veteran who is not a high school graduate who desires the opportunity of regular college attendance and who can demonstrate his competence as shown by the results of tests as recommended by the United States Armed Forces Institute and the American Council on Education, may apply for the administration of such tests. Such persons will be granted the college level of classification exhibited and will be granted the privilege of pursuing majors toward the Bachelor's degree or enrollment in any courses offered by the college for which the persons are eligible.
2. Veterans who are not qualified high school graduates may enroll in any courses offered by the college from which they may profit and exhibit progress. As long as the instructor recommends that such person is receiving profit, the veteran may remain in such courses. Upon the satisfactory completion of such courses, the veteran will be granted a certificate of proficiency for each course completed.

### ADMISSION BY TRANSFER FROM SOME OTHER COLLEGE

Credit will be transferred when earned with a grade not lower than "C" and when earned in courses corresponding to those offered at Kentucky State College. In cases of questionable credits, including those transferred from colleges without standard accreditation, acceptance of credits will be deferred at the time of admission but credits will be placed on the student's record after one or more years of satisfactory work at Kentucky State College. It is the student's responsibility to have all transfer credits in the office of the Dean and Registrar before the close of the first quarter of attendance. Students who do not have such transfer credits placed

in the office of the Dean and Registrar before the close of the first quarter of attendance, will be given classification the following quarter on the basis of work completed at Kentucky State College. The Dean and Registrar shall pass judgment on all cases referring to classification.

#### APPLICATION FOR ADMISSION

A student who plans to enter the college for the first time should write the office of the Dean and Registrar requesting an "Application for Admission." Upon receipt of the application blank, the student should give the information requested on parts one and two. When this information is supplied, the student should have the principal of the high school, from which he or she graduated, give the necessary information requested on parts three and four. The principal should then mail the completed form to the office of the Dean and Registrar, Kentucky State College.

A student who registers at the college is responsible for having his complete high school transcript placed in the office of the Dean and Registrar prior to his first registration and in all events before the end of the first half of his quarter of attendance (6 weeks). The student who does not meet this requirement will be immediately dropped and may not continue study until the complete high school transcript is filed. (See regulation on class cuts.)

#### OUTLINE OF ENTRANCE REQUIREMENTS

The figures below indicate the maximum and minimum number of units that may be offered in each subject.

1. *Basic Units.*—Required by all departments. English 3 units, mathematics 2 units.

2. *Electives.*—In addition to the units required under 1, a sufficient number of units to make a total of fifteen must be offered from Groups A and B, except that not more than four units may be offered from Group B.

#### GROUP A

English	1	Mathematics:	
Foreign Languages:*		Advanced Arithmetic	$\frac{1}{2}$ -1
French	1-3	Advanced Algebra	1
German	1-3	Solid Geometry	$\frac{1}{2}$
Greek	1-3	Trigonometry	$\frac{1}{2}$
Latin	1-4	Sciences:	
Spanish	1-3	Biology	$\frac{1}{2}$ -1
History and Civics		Botany	$\frac{1}{2}$ -1
History	1-4	Chemistry	$\frac{1}{2}$ -1
Civics	$\frac{1}{2}$ -1	General Science	$\frac{1}{2}$ -1
Political Economy	$\frac{1}{2}$	Physics	$\frac{1}{2}$ -1
Education (Including Psychology)	$\frac{1}{2}$ -1	Geology	$\frac{1}{2}$ -1
Teaching	1	Physical Geography	$\frac{1}{2}$ -1
		Physiology and Hygiene	$\frac{1}{2}$ -1
		Sociology	$\frac{1}{2}$ -1
		Zoology	$\frac{1}{2}$ -1

\* Not less than one unit in Foreign Languages will be accepted.

#### GROUP B

(Only four units may be offered in this group)

Agricultural†	$\frac{1}{2}$ -4	Home Economics†	$\frac{1}{2}$ -4
Bookkeeping	$\frac{1}{2}$ -1	Music	$\frac{1}{2}$ -1
Commercial Law	$\frac{1}{2}$	Shop Work	$\frac{1}{2}$ -2
Commercial Geography	$\frac{1}{2}$	Shorthand	$\frac{1}{2}$ -1
Drawing—Freehand	$\frac{1}{2}$ -2	Surveying	$\frac{1}{2}$
Drawing—Mechanical	$\frac{1}{2}$ -2	Salesmanship	$\frac{1}{2}$

† Not more than one unit may be offered for any subject in Agriculture and Home Economics.

The minimum amount of credit allowed in any subject will be one-half unit.

#### HEALTH EXAMINATION

Each student must undergo a health examination by the college physician and staff. If this examination is not passed satisfactorily, the student will be required to withdraw from the college. If the tests for tuberculosis show a positive reading, a fee will be charged for an x-ray which is required in such cases.

#### PHOTOGRAPHS

All students of the college are required to file in the Dean's office within seven calendar days after registering, two unmounted photographs with full name and home address written on the back. Pictures which are not clear, or faded or in costume will not be accepted. Dimensions of photographs must be from 2 to 3½ inches wide and from 3 to 4 inches long. The preferable size is 2"x3".

#### APPLICATION FOR DEGREES

Students who intend to satisfy the requirements for a degree must file formal application with the Registrar on or before the first Tuesday in April.

Students who have not met all requirements for graduation on or prior to the last date of regular senior examinations during the spring quarter will not be considered for graduation during a particular year.

#### ENGLISH PROFICIENCY TEST

No student may become a candidate for graduation until he has passed the Proficiency Test in English Composition. This test is given during the spring quarter of the Junior year. Those failing in this test may register for English 101 and English 102, without credit, during the Senior year. To become eligible for graduation, such students are required to pass the English Proficiency Test given during the spring quarter of the senior year, or finally during the regular senior examination period.

#### DEAN'S LIST

An *Honor Roll List* will be published by the office of the Registrar at the close of each quarter. The names of students mak-

ing an average of 2.8 quality points or more will be placed on the Honor Roll. Those averaging 2.2 quality points or more will be placed on the Honorable Mention List.

Upon graduation from the college the following honors will be awarded. A minimum of two years or 90 quarter hours of residence work is required. Not less than 50 per cent of the Honor-grade credits must be earned in residence at the college during a regular term.

*Cum laude, Magna cum laude, and Summa cum laude.*

Cum laude shall be awarded to students whose general quality point average for four years is 2.2 or above. Magna cum laude shall be awarded to students whose general quality point average for four years is 2.5 or above and who have received no F's or D's. Summa cum laude shall be awarded to students whose general quality point average is 2.8 or above and who have received no F's or D's.

#### DEPARTMENTAL HONORS

The Degree of A. B. or B. S. with Honors in the student's major subject will be conferred upon the student who in addition to having completed the requirements for the degree, shall have (1) attained high standing in his major subject; (2) passed with distinction a comprehensive examination in his major subject; (3) been recommended for the said degree by the faculty of the department in which his major work is done.

#### MAXIMUM AND MINIMUM CREDITS ALLOWED

The student is required to carry each quarter a load amounting to at least 12 quarter hours. To be eligible to carry more hours than listed in his curriculum the student must have a standing of at least 2. for the preceding quarter. Freshmen will not be allowed to carry extra work during the first quarter.

#### ADMISSION OF AUDITORS

Persons desiring to attend classes without credit may be admitted as auditors. Persons who register as auditors will in no case receive credit.

#### RESIDENCE REQUIREMENTS

To obtain the Bachelor's degree, the student must have registered in the college during his senior year and have gained at least 48 quarter hours in the college. At least one-half the credits of a major must be gained in this college.

#### CREDITS BY EXTENSION AND SPECIAL EXAMINATIONS

Students may apply toward the Bachelor's degree a maximum of 45 credits by extension, special examinations, and correspondence combined. However, not more than 4 credits may be gained during

any quarter. Not more than 9 of the last 18 credits required for graduation may be taken by extension or correspondence; not more than one-half of the credits required for the major may be gained by extension or correspondence.

Students will be admitted to extension courses who satisfy all prerequisites for those courses in exactly the same manner as in residence. Residence credit shall be credit earned on the campus in regularly scheduled classes. Students in residence shall not be permitted to do extension work without permission of the dean.

Credit shall not be given for a four quarter-hour course completed by correspondence in less than five weeks; for a three quarter-hour course completed in less than four weeks; or a two quarter-hour course completed in less than two weeks.

#### DEFINITION OF A QUARTER HOUR

A quarter hour represents one hour of recitation or lecture or two hours of laboratory a week for one quarter; drawing, shop work, physical education, and other courses requiring no outside work are reckoned at two hours for one quarter hour.

#### MARKING SYSTEM

Student marks are recorded by letter with the following significance: "A" excellent scholarship; "B" good; "C" average; "D" poor (carries no quality points); "F" Failure; "I" Incomplete; "W" Withdrawn; "WP" Withdrawn Passing; "WF" Withdrawn Failing.

An Incomplete or "I" earned in any particular quarter must be removed during the next quarter the course is offered, otherwise the course will be recorded by the Registrar as "F".

A mark of "W" shall be granted a student provided that student formally withdraws from a course before the close of the first three weeks of any quarter.

A mark of "WP" shall be granted that student who has remained in a course for a period longer than the first three weeks of any quarter, provided that student is passing in such course at the time of formal withdrawal.

A mark of "WF" shall be granted that student who has remained in a course for a period longer than the first three weeks of any quarter, provided that student is failing in such course at the time of formal withdrawal.

The several marks yield quality points as follows:

- A—Three quality points per credit hour
- B—Two quality points per credit hour
- C—One quality point per credit hour
- D—No quality points per credit hour
- F—No quality points, no credit
- WP, W, and WF—No quality points, no credit

### CHANGING COURSES

All changes of registration (either by adding or dropping a course or changing hours and divisions) must be made through the Registrar's office. Students are required to follow the program as outlined on their registration cards. Any student who takes a course irregularly will not receive credit for it. A student cannot sign for a new course after the last day of regular registration.

### EXAMINATIONS

Regular examination will be held in all courses at the end of each quarter according to the college Calendar.

Whenever a student is absent from a final examination, he is required to take a special examination in place of the one missed. A fee of 50c per credit hour will be charged for all such examinations, except those made necessary by patriotic duties. A fee of one dollar each will be charged for all late entrance examinations.

### SPECIAL EXAMINATIONS

(Major courses not included)

A student who has earned a mark of "D" in a course, that is not a major course, is eligible for a special examination in that course under the following conditions:

- A. The student must have studied or taught the course in classroom during a particular term, semester, or quarter.
- B. Such examination must be administered in a period between quarters or terms if the student is enrolled for regular study.
- C. Such examination may be administered only once.
- D. A student may be examined in only one such examination within a period between quarters or terms.
- E. A fee of one dollar (\$1.00) per quarter hour shall be collected for such examination. The minimum fee to be collected for any examination shall be \$1.00.
- F. The student who desires to be administered such examination must make written application to the Office of the Dean and Registrar at least one calendar week prior to the date that an examination is to be administered.

### COMMENCEMENT

All students who are candidates for a degree are required to participate in the commencement exercises. Commencement convocations will be held at the close of the spring quarter only. Students who satisfy requirements at times other than the spring quarter will be regarded as of the graduating class next following completion of the work.

## PART IV CERTIFICATION

## APPLICATION FOR TEACHER'S CERTIFICATE

(Codified Regulations—Vol. XI, No. 6, August, 1943.)

1. No certificate shall be issued to an applicant until *written application* has been made upon forms furnished by the State Department of Education, and *official transcript* has been filed showing all college credits earned up to the time application is made, and the *legal fee* has been paid.
2. *Application for Certificate* must be made upon forms prepared by the Department of Education. The application form will be mailed upon request.
3. *Each applicant for a certificate must be recommended* by a school official and the signature of the recommending officer shall be on the application.
4. *All certificates shall be issued* as of July 1 in the calendar year in which they are issued and they shall expire on June 30.
5. *Time Limit for Renewals.*—Any certificate for teaching or for holding an administrative position, which expires on June 30, of any year, may be renewed provided renewal requirements have been completed and filed with the Superintendent of Public Instruction before September 1, of the year in which the certificate expires; provided, further, that the certificate shall be renewed as of July 1, of the year in which it expires.
6. *Reciprocal Relations.*—A certificate may be issued to a person educated in an accredited institution outside of Kentucky when he has completed a curriculum substantially equivalent to the curriculum required for the issuance of the certificate applied for, and has completed all general requirements for certificates in Kentucky.
7. *Official transcripts* of credits are transcripts that are certified by the registrar of the institution in which college training was done or in which training was validated.
8. *Recommendation by the official* certifying the transcript shall state that, as far as the applicant's record in that institution is concerned, the certificate should be granted.
9. *Transcripts of credits* shall show the applicant's fields of preparation by giving a summary of major and minor fields with the credit earned in each major field or minor field.
10. *Transcripts of college credits* shall show that the applicant has completed all college entrance requirements.
11. *Transcripts of credits of all applicants for certificate* shall show that the quality of work done (average point standing) by the

applicant in college shall be as high as the minimum quality maintained for graduates of the college certifying the transcript.

12. *Official transcripts* shall show only the work for which the college gives the applicant full credit toward graduation in the institution certifying the transcript.

13. *Official transcripts* shall state whether the quality (average point of standing) of work done by the applicant is equal to the quality of work which the institution certifying the credit will accept toward graduation.

#### CERTIFICATE OF ELEMENTARY TEACHERS

1. *The Provisional Elementary Certificate* valid for three years shall be issued to a person who meets the general requirements of law and the regulations of the State Board of Education and files a transcript of standard college credits showing the completion of the following curriculum:

A. General and Special Preparation		Quarter Hours
(1) English, including		
a. Oral and Written Composition .....		8
b. American or English Literature .....		4
c. Children's Literature .....		4
(2) Science, selected from		
Biology, Chemistry, General Science,		
Geology, Physics .....		8
(3) Social Science, including		
a. American History and Government		
or History of Civilization .....		8
b. Geography-Principles .....		4
(4) Teachers' Arithmetic .....		4
(5) Fine Arts		
a. Public School Art .....		3
b. Public School Music .....		3
(6) Health, Physical Education and Safety .....		6
B. Professional Preparation		Quarter Hours
(1) General or Educational Psychology .....		4
(2) Fundamentals of Elementary Education .....		6
(3) Supervised Student Teaching .....		4*
(4) Teaching Reading .....		4
(5) General Electives in Education .....		4
		74
C. General Electives		22

\* See 2 below.

2. In the issuance of the Provisional Elementary Certificate, the requirements in Supervised Student Teaching may be waived for those who have had a minimum of three years' experience teaching in the elementary grades, provided the applicant has a total of 96 quarter hours of college credit and has met all other requirements for the certificate.

3. *The Provisional Elementary Certificate* may be renewed for three years after two years' teaching experience during the life of the certificate, or upon the presentation of one-half year (24 quarter hours), of additional standard college or university work earned during the life of the certificate; and it may be renewed every three years thereafter upon presentation of one-half year (24 quarter hours), of additional standard college or university work, earned since the last renewal provided that when this certificate is renewed upon 24 quarter hours of standard college or university training, such training shall be selected from the curriculum prescribed by the Council on Public Higher Education for the issuance of the Standard Elementary Certificate.

4. *The Standard Elementary Certificate* valid for four years shall be issued to a person who meets the general requirements of law and the regulations of the State Board of Education and files a transcript of standard college credits showing the completion of the following curriculum for elementary teachers:

A. General and Special Preparation		Quarter Hours
(1) English, including		
a. Oral and Written Composition .....		8
b. American or English Literature .....		4
c. Children's Literature .....		4
d. Elective in English .....		4
(2) Science, selected from		
Biology, Chemistry, General Science,		
Geology, Physics .....		16
(3) Social Science, including		
a. American History and Government or		
History of Civilization .....		8
b. Principles of Sociology or Rural Economy		4
c. Geography-Principles .....		4
d. Elective in Geography .....		4
e. Elective in Social Science from History,		
Government, Economics, or Sociology .....		8
(4) Teachers' Arithmetic .....		4
(5) Fine Arts		
a. Public School Art .....		3
b. Elective in Art .....		3
c. Public School Music .....		3
d. Elective in Music .....		3
(6) Health, Physical Education and Safety .....		6

## B. Professional Preparation

(1) General or Educational Psychology .....	4
(2) Fundamentals of Elementary Education .....	6
(3) Supervised Student Teaching .....	8
(4) Educational Measurements .....	3
(5) Child Psychology .....	4
(6) Teaching Reading .....	4
(7) Elective in Elementary Education .....	4
(8) General Electives in Education .....	8

## C. General Electives

127  
65

## D. Completion of Baccalaureate Degree

5. The Standard Elementary Certificate may be renewed or reissued every four years after three years' teaching experience during the life of the certificate or upon one-half year of standard college or university work of graduate grade since last renewal. If the holder fails to teach the three years required for renewal or reissuance, this certificate may be renewed or reissued upon 6 quarter hours of standard college or university work of graduate grade for each year he fails to teach upon the certificate. It may be extended for life when the holder has had three years' teaching experience during the life of the certificate and has completed requirements for a Master's degree in a standard graduate school.

6. The Standard Elementary Certificate, based upon four years of college work should be valid in grades one to eight regardless of the school organization.

## SBE-19 Re: CERTIFICATION OF SECONDARY TEACHERS

1. The Provisional High School Certificate, valid for four years, shall be issued to a person who meets the general requirements of law and the regulations of the State Board of Education, and files a transcript of standard college credits showing the completion of a curriculum which includes the following courses and minimum standards:

### A. Minimum General or Core Requirements

Each candidate must present 16 quarter hours of English. In addition to this a total of 40 quarter hours must be selected from the following fields:

Fine Arts	Philosophy and Psychology
Foreign Language	Science
Health, Physical Education and Safety	Social Science
Mathematics	Vocational Fields

with no candidate presenting fewer than three or more than four fields, and in no field may he offer fewer than 3

quarter hours; and in no instance may the selection of the general education courses include the fields which he chooses as his majors or minors, except that he may major or minor in English. This regulation applies to those who begin their college preparation for teaching after September 1, 1942.

## B. Teaching Fields

1. Two majors—36 quarter hours each, or
  2. One major and two minors—36-24-24, or
  3. An area of concentration—72 quarter hours
- Teaching fields must be selected from those in the public school curriculum prescribed by the State Board of Education

## C. Professional Preparation

Quarter  
Hours

1. Psychology or Educational Psychology .....	4
2. Secondary Education .....	8
3. Supervised Student Teaching .....	8
4. Elective in Education .....	7

## D. Completion of Baccalaureate Degree

2. In the issuance of the Provisional High School Certificate, the requirement in Supervised Student Teaching may be waived for the person who has had a minimum of three years' experience in secondary grades and who has met all other requirements for such certificate.

3. The high school certificate should be valid in grades seven and eight, in any organization, if these grades are departmentalized.

4. A Provisional High School Certificate, valid for four years, shall be issued to a person who meets the requirements of law and general regulations of the State Board of Education and files a transcript of standard college credits showing the completion of the requirements for a Vocational teacher of Agriculture or Home Economics, who holds at least a Baccalaureate degree, and who has met the education requirements set by the Council on Public Higher Education and approved by the State Board of Education as follows:

Quarter  
Hours

a. Supervised Student Teaching .....	8
b. Psychology or Educational Psychology .....	4
c. Elective in Secondary Education .....	7

5. A Provisional High School Certificate, valid for four years, shall be issued to a person who meets the requirements of law and general regulations of the State Board of Education and files a transcript of standard college credits showing that he has met the re-

quirements for a Baccalaureate degree in music or music education and the requirements set by the Council on Public Higher Education and approved by the State Board of Education, as follows:

	Quarter Hours
a. Supervised Student Teaching .....	8
(At least 4 quarter hours in student teaching shall be done in secondary schools)	
b. Psychology or Educational Psychology .....	4
c. Elective in Secondary Education .....	8
d. Elective in Education .....	7

6. *The Provisional High School Certificate*, valid for four years for teaching only in the field of Commerce (Business Education) in high school, shall be issued to a person who meets the requirements of law and the general regulations of the State Board of Education, and files a transcript of standard college credits showing that he has received the Baccalaureate degree and has completed the following curriculum:

- The core curriculum now prescribed for the issuance of the Provisional High School Certificate
- The completion of a minimum of 72 quarter hours in Commerce (Business Education) as follows:

	Quarter Hours
(1) Accounting .....	12
(2) Secretarial Practice .....	20
(3) General Business .....	32
(4) Business Education (Methods and Materials) .....	6

- The completion of 27 quarter hours in Education as follows:

	Quarter Hours
(1) Psychology or Educational Psychology .....	4
(2) Secondary Education .....	8
(3) Supervised Teaching .....	8
(4) Elective in Education .....	7

Total Required Quarter Hours—180 to 192 plus degree

7. *The Provisional High School Certificate* may be renewed every four years after three years' teaching experience, or upon presentation of one-half year of standard college or university work of graduate grade, earned since issuance or last renewal of the certificate. If the holder fails to teach the three years required for renewal or reissuance, the certificate may be renewed or reissued upon 6 quarter hours of standard college or university work of graduate grade for each year he fails to teach upon the certificate.

8. *Majors and Minors and Areas of Concentration in Quarter Hours.*

All areas of concentration shall require 72 quarter hours.

- All majors require 36 quarter hours except English which requires 44 quarter hours.
- All minors require 24 quarter hours.
- Major in English requires 44 quarter hours of which 32 shall be in English Composition, English and American Literature and the remaining 12 may be in the fields of Speech, Dramatics, and Journalism.
- A minor in English shall include 16 quarter hours in English Composition, English Literature, and American Literature.
- A minor in History and Political Science shall include 16 quarter hours in History with 8 of the 16 in American History.

f. *Areas of Concentration*

- A teaching area in Social Science shall consist of a minimum of 72 quarter hours distributed as follows: 28 quarter hours in History, including 8 quarter hours in American History and 8 quarter hours in European History; and a minimum of 8 quarter hours each, in the following subjects, namely: Political Science, Economics, Sociology, and Geography. The other 12 quarter hours in this field shall be selected from Social Sciences.
- A teaching area in Sciences shall consist of a minimum of 72 quarter hours in the Sciences, 32 of which shall be in one of the following: Biology, Chemistry, Physics, and a minimum of 12 quarter hours in each of the other two of these fields (Biology, Chemistry, Physics), 4 quarter hours in Geology, and the remaining 12 quarter hours shall be selected from the sciences.
- A teaching area in English shall consist of 72 quarter hours, at least 44 quarter hours of which shall be in the fields of Grammar and Composition, English Literature and American Literature; the remaining 28 quarter hours may be distributed among the following fields—Speech, Dramatics, and Journalism.
- Agriculture area requires completion of the Vocational Agriculture curriculum.
- Home Economics area requires completion of the Vocational Home Economics curriculum.
- Business Education area, 72 quarter hours.

- (7) Industrial area, 72 quarter hours.
- (8) Art area, 72 quarter hours.
- (9) Music area, 72 quarter hours.
- (10) Health and Physical Education area, 72 quarter hours.
- (11) Any person presenting a teaching area may qualify to teach an additional subject by presenting 16 quarter hours in that subject. The addition of 16 quarter hours to the face of any certificate to take place only in case where the applicant has fulfilled the requirements in general education.

g. *Subject-fields in which majors with a minimum of 36 quarter hours each may be chosen by applicants for High School Certificates:*

Agriculture	Home Economics
Art	Industrial Arts
Biology	Latin
Chemistry	Library Science
Commerce	Mathematics
Economics and Sociology	Music
French	Physical Education
Geography and Geology	Physics
German	Political Science
History	Spanish

h. *Subject-fields in which minors with a minimum of 24 quarter hours each may be chosen by applicants for High School Certificates:*

Agriculture	Economics and	Home Economics
Art	Sociology	Industrial Arts
Biology	English	Journalism
Chemistry	Latin	Mathematics
French	Library Science	Music
Geography and	German	Physical Education
Geology	History	Physics
Commerce	History and Polit-	Political Science
Dramatics	ical Science	Spanish
		Speech

#### 9. *Special Fields*

*Teachers of Art, Music and Physical Education.*

- a. A person, who completes the requirements for the provisional high school certificate and completes an area of concentration in Art as prescribed by the Council on Public Higher Education and approved by the State Board of Education may have the certificate validated for teaching

Art in the elementary and secondary grades if he completes the following courses, or their equivalents as approved by the Council on Public Higher Education and the State Board of Education:

	Quarter Hours
General Psychology .....	4
Educational Psychology .....	4
Elementary Education .....	4
Secondary Education .....	4
School Organization .....	4
Directed Teaching in Art .....	8

and a course in Art emphasizing materials and procedures in the elementary grades, and a course in Art emphasizing materials and procedures in secondary grades.

- b. A person who completes the requirements for a provisional high school certificate and completes the requirements for a baccalaureate degree in Music, or Music Education, or completes an area of concentration in Music as prescribed by the Council on Public Higher Education and approved by the State Board of Education, may have the certificate validated for teaching Music in the elementary and secondary grades, if he completes the following courses or their equivalent as approved by the Council on Public Higher Education and the State Board of Education:

	Quarter Hours
General Psychology .....	4
Educational Psychology .....	4
Elementary Education .....	4
Secondary Education .....	4
School Organization .....	4
Directed Teaching in Music .....	8

and a course in Music, emphasizing materials and procedures in Music in the elementary grades, and a course in Music emphasizing materials and procedures in the secondary grades.

- c. A person who completes the requirements for the provisional high school certificate and completes an area of concentration in Physical Education as prescribed by the Council on Public Higher Education and approved by the State Board of Education, may have the certificate validated for teaching Physical Education in both elementary and secondary grades if he completes the following courses

or their equivalent as approved by the Council on Public Higher Education and the State Board of Education:

	Quarter Hours
General Psychology .....	4
Educational Psychology .....	4
Elementary Education .....	4
Secondary Education .....	4
School Organization .....	4
Directed Teaching in Physical Education .....	8

and a course in Physical Education emphasizing materials and procedures in the elementary grades, and a course emphasizing materials and procedures in the secondary grades.

- d. Other special curricula shall be transmitted to quarter hours on the same basis.

10. *The Standard High School Certificate* valid for five years shall be issued to a person who meets the requirements of law and general regulations of the State Board of Education and files a transcript of credits showing the completion of the four-year curriculum for the training of high school teachers as prescribed by the Council on Public Higher Education and approved by the State Board of Education, and who, in addition thereto, completes the requirements for a Master's degree in a standard graduate school.

11. *The Standard High School Certificate* may be extended for life upon three years' teaching experience during the life of the certificate. If the holder fails to meet the requirements for life extension before the certificate expires, the certificate may be re-issued or renewed for five years upon two years' teaching experience during the life of the certificate, or upon 6 semester hours of additional work of graduate grade for each of the two years he failed to teach upon the certificate.

## PART V

### DEGREES

### COURSES OF STUDY, CURRICULA, AND COURSE DESCRIPTIONS, ETC.

## DEGREES

The college offers instruction leading to the following degrees:

Bachelor of Arts with majors in

- English
- History and Government
- Sociology and Economics
- Elementary Education

Bachelor of Science with majors in

- Business Administration
- Commercial Teacher Education
- General Engineering
- General Science
- Biology
- Chemistry
- Mathematics
- Agriculture
- Home Economics
- Physical and Health Education

For any degree the student is required to gain the minimum number of quarter hours and quality points as required in his particular curriculum with an average academic standing of one or "C."

In all cases the student is responsible for the meeting of requirements for graduation.

The selection of majors and minors must be made not later than the first quarter of the junior year of college studentship and may not be changed later than the end of the first quarter of the senior year. Thirty-six quarter hours in a department constitute a major, with the exception of the English major which requires 44 quarter hours. Courses pursued in any major are subject to the approval of the student's major department and the Registrar.

Twenty-four quarter hours in one department, constitute a minor.

Students are advised to give careful thought and consideration to the problem of selecting major and minor subjects. These subjects should be chosen in accordance with the student's interests and the demand for service after graduation. It is necessary to remember that adequate preparation must be made in a subject in order to qualify one to teach the subject in the public schools. Nearly all teachers must teach two or more different subjects and for this reason it is suggested that students who are planning to teach should take two minors except in special curricula where it is impracticable to do so. All electives must meet the approval of the head of the major department and of the Registrar.

## COURSES OF STUDY

Freshman Courses .....	100-193
Sophomore Courses .....	200-293
Junior Courses .....	300-393
Senior Courses .....	400-493

Juniors and Seniors who take Freshman or Sophomore courses will receive reduced credit, except with the approval of the Dean and Registrar.

(1) A two-year course consisting of a minimum of 98 quarter hours leading to the Provisional Elementary Certificate.

(2) A four-year course consisting of a minimum of 191 quarter hours leading to the Standard Elementary Certificate.

(3) A two-year course preparing for entrance into Medical Colleges.

(4) A four-year college course preparing persons as teachers of high school subjects in the fields of English, Social Sciences, Mathematics, French, Home Economics, Agriculture, Natural Sciences, Public School Music, Physical Education, and Commercial Teacher Education.

(5) A four-year professional college course.

(6) A four-year course in Engineering.

(7) A four-year course in Business Administration.

(8) A two-year course in Industrial Arts.

## PRE-MEDICAL COURSES

A two-year course preparing for the study of medicine is offered which complies with the requirements of the American Medical Association for entrance into Class A medical schools except those requiring a degree for entrance. The four-year college course, with a major in General Science meets the requirements for entrance into all medical schools and lays a scientific foundation upon which a substantial superstructure may be erected. Students are urged to take the four-year course.

# GENERAL CURRICULUM FOR THE LOWER TWO YEARS

This curriculum leads to the Bachelor of Arts degree with majors in English, Sociology and Economics, History and Government and second majors or minors in Music Education and French Language and Literature. Through judicious selection one may qualify as a teacher in two or more fields, as a social civic leader in his community, or to pursue further professional courses.

**FRESHMAN YEAR**

First Quarter	Hours	Second Quarter	Hours	Third Quarter	Hours
Hist. 101—World Civilization	4	Hist. 102—World Civilization	4	Ed. 103—Intro. to Ed.	4
French 101—Elementary French		French 101—Elementary French or		French 103—Elem. French or	
or Math. 101—Algebra or		Math. 102—Algebra or Span.		Math. 103—Trig. or Span.	103
Spanish 101—Intro. Span.	4	102—Intro. Spanish	4	—Intro. Span.	4
Biol. 101—Fund. Biol.	4	Biol. 102—Fund. Biol.	4	Biol. 103—Fundamental Biol.	4
Eng. 101—Eng. Comp. & Rhet.	3	Eng. 102—Eng. Comp. and		Eng. 103—Eng. Comp. and	
P. Ed. 101—Orientation	1	Rhetoric	3	Rhetoric	3
Ed. 100—Orientation	0	P. Ed.—Elective	1	P. Ed.—Elective	1
		102—Volley Ball and Basketball		103—Softball and Hockey	
		112—Minor Sports and Low Org.		113—Elementary Tap and Folk	
		Games		Dancing	
				123—Archery and Tennis	
				<b>TOTAL</b>	<b>16</b>

**SOPHOMORE YEAR**

First Quarter	Hours	Second Quarter	Hours	Third Quarter	Hours
Eng. 201—Speech	4	Eng. 212—Survey of Eng. Lit.	4	Eng. 213—Survey Eng. Lit.	4
Soc. 201—Intro. Soc. Sci.	1	Soc. 202—Intro. Soc. Sci.	4	Soc. 203—Intro. Soc. Sci. or	4
Sci. 201—Intro. Phys. Sci.	or	Sci. 202—Intro. Phys. Sci.	or	Sci. 203—Intro. Phys. Sci. or	or
Fren. 201—Interm. Fren.	4	Fren. 202—Interm. Fren.	4	Fren. 203—Interm. Fren.	4
Span. 201—Interm. Span.	4	Span. 202—Interm. Span.	4	Span. 203—Interm. Span.	4
Hist. 201—U. S. History	1	Hist. 202—U. S. Hist.	1	Ed. 203—Ed. Psychology	1
P. Ed.—Effective		P. Ed.—Effective		P. Ed.—Effective	
201—Speedball and Soccer		102—Volleyball and Basketball		123—Archery and Tennis	
200—Stunts and Tumbling		200—Stunts and Tumbling		200—Stunts and Tumbling	
TOTAL	17	TOTAL	17	TOTAL	17

# MAJOR—ENGLISH LANGUAGE AND LITERATURE†

## UPPER TWO YEARS

### JUNIOR YEAR

First Quarter	Hours	Second Quarter	Hours	Third Quarter	Hours
Eng. 301—English Romanticism	4	Eng. 302—Victorian Lit.	4	Eng. 303—Hist. of the Eng. Language	4
*Eng. 321—Public Discussion and Debate	4	Eng. 312—Shakespeare	4	*Eng. 323—Contemporary Lit.	4
*Eng. 331—Dramatic Interpretation and Acting	4	*Eng. 332—Journalism	4	*Eng. 333—The English Novel	3
Electives	8	Electives	8	*Eng. 343—Negro Literature	3
TOTAL	16	TOTAL	16	Electives	8

TOTAL 15-16

### SENIOR YEAR

First Quarter	Hours	Second Quarter	Hours	Third Quarter	Hours
Ed. 410E—Meth. of Tchg. Eng.	4	*Eng. 402—Browning	3	Ed. 400—Ed. Directed Tchg. and Observation	15
*Eng. 411—Tennyson	3	*Eng. 412—Milton	3	or	
*Eng. 421—Chaucer	3	*Eng. 412—Honors Course	4-8	Electives	15
Electives	9	P. Ed. 302—Health and Safety	4		
		or			
		Electives	6		
TOTAL	16	TOTAL	16	TOTAL	15

\* Elect one.  
† A minimum of 193 quarter hours are required for graduation and a minimum of 44 quarter hours must be included in the major.

## MAJOR—FRENCH LANGUAGE AND LITERATURE\*\*

### UPPER TWO YEARS

#### JUNIOR YEAR

First Quarter	Hours	Second Quarter	Hours	Third Quarter	Hours
French 301—French Lit.	3	French 302—French Lit.	3	French 302—French Literature	3
French 311—French Comp.	3	French 322—French Conversation	3	Electives	12-14
Electives	10-11	P. Ed. 302—Health and Safety	4-8		
TOTAL	16-17	Electives	6-7	TOTAL	16-17

### SENIOR YEAR

First Quarter	Hours	Second Quarter	Hours	Third Quarter	Hours
French 401—French Lit. of 18th Cent.	3	French 412—French Lit. of 19th Century	3	Ed. 400 E. L. Directed Tchg. and Observation	15
French 431—French Phonetics	3	Electives	13-14	or	
Electives	10-11			Electives	15
TOTAL	16-17	TOTAL	16-17	TOTAL	15

\*\* A minimum of 36 quarter hours must be included in the major.

## MAJOR—HISTORY AND GOVERNMENT\*

### UPPER TWO YEARS

#### JUNIOR YEAR†

First Quarter	Hours	Second Quarter	Hours	Third Quarter	Hours
Hist. 301—Mod. Europe	4	Hist. 302—Mod. Europe	4	Hist. 323—Civil War Reconstruction and the New South	4
Hist. 311—Amer. Govt.	4	Hist. 312—Amer. Govt.	4	Hist. 303—Latin Am. Hist.	4
Ed. 321—Prin. of Sec. Ed.	2	Ed. 312—Extra-Cur. Act.	3	Hist. 313—Prob. of Citizenship	4
Electives	6-7	Electives	5-6	Electives	4-5
TOTAL	16-17	TOTAL	16-17	TOTAL	16-17

### SENIOR YEAR

First Quarter	Hours	Second Quarter	Hours	Third Quarter	Hours
Hist. 401—Eng. History	4	Hist. 402—Eng. History and Safety	4	Ed. 400—H. G. Directed Tchg. and Observation	15
Ed. 410ss—Methods of Tchg.	3	P. Ed. 302—Health and Safety	3-9	or	
Social Sciences	3	Electives	3-9	Electives	15
TOTAL	16	TOTAL	16-17	TOTAL	15

\* A minimum of 194 quarter hours are required for graduation and a minimum of 36 quarter hours must be included in the major.  
\*\* Prerequisite—History 201, 202, United States History.

# MAJOR—SOCIOLOGY AND ECONOMICS\*

## UPPER TWO YEARS

JUNIOR YEAR		THIRD QUARTER	
Second Quarter	Hours	Third Quarter	Hours
Soc. 302—Intro. to Soc.	3	Soc. 323—Anthropology	3
Soc. 312—Prin. of Ec.	3	Soc. 313—Prin. of Ec.	3
Soc. 332—Urban Sociology	3	Soc. 303—Negro in America	4
P. Ed. 302—Health and Safety	4	Soc. 342—Social Case Work	3
Electives	3-4	Electives	3-4
TOTAL	16-17	TOTAL	16-17

SENIOR YEAR		THIRD QUARTER	
Second Quarter	Hours	Third Quarter	Hours
Soc. 412—Social Change	3	Soc. 453—Seminar, Family	3
Soc. 432—Criminology	3	Electives	14
Soc. 442—Family	3	or	
Electives	7-8	Ed. 400—S. E. Directed Tchg. and Observation	15
TOTAL	16-17	TOTAL	15-17

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\* A minimum of 196 quarter hours are required for graduation and a minimum of 36 quarter hours must be included in the major.

# MAJOR IN THE SOCIAL SCIENCES\*

## (Area of Concentration)

FRESHMAN YEAR		THIRD QUARTER	
Second Quarter	Hours	Third Quarter	Hours
Biol. 102—Fundamental Biology	4	Biol. 103—Fundamental Biology	4
Eng. 101—Eng. Comp. & Rhetoric	3	Eng. 103—Eng. Comp. & Rhetoric	3
Hist. 102—World Civilization	4	Phy. Ed.—Elective	1
Phy. Ed.—Elective	4	French 103—Elementary French or	4
French 102—Elementary French or	4	Ed. 103—Intro. to Ed.	4
Math. 102—Algebra	4	Elective	4
TOTAL	16	TOTAL	16

65

## SOPHOMORE YEAR

JUNIOR YEAR		THIRD QUARTER	
Second Quarter	Hours	Third Quarter	Hours
Hist. 202—History of U. S.	4	Soc. 213—Geography of N. A.	4
Phy. Ed.—Elective	1	Phy. Ed.—Elective	1
Eng. 212—Survey of Eng. Lit.	4	Eng. 213—Survey of Eng. Lit. or	4
Soc. 202—Intro. Soc. Sci.	4	French 203—Intro. Fr.	4
Soc. 202—Intro. to Physical Sci.	4	Ed. 203—Educational Psychology	4
or French 202—Intro. Fr.	4	Soc. 203—Intro. to the Soc. Sci.	4
TOTAL	17	TOTAL	17

JUNIOR YEAR		THIRD QUARTER	
Second Quarter	Hours	Third Quarter	Hours
Soc. 302—Intro. to Sociology	3	Soc. 303—Negro in America	3
Soc. 312—Prin. of Economics	3	Soc. 313—Prin. of Economics	3
Hist. 302—Hist. of Mod. Europe	4	Soc. 403—Social Case Work	3
Hist. 312—American Government	3	Soc. 324—Anthropology	3
Elective	3	Hist. 313—Prob. of Citizenship	4
TOTAL	17	TOTAL	16

65

## SENIOR YEAR

JUNIOR YEAR		THIRD QUARTER	
Second Quarter	Hours	Third Quarter	Hours
Hist. 402—English History	4	Directed Teaching and Observa-	15
Soc. 432—Social Change	3	tion (For Teacher's License)	15
Ed. 402—Tests and Measurements	3	or	
P. Ed. 302—Health and Safety	4	Electives	15
Electives	3		
TOTAL	17	TOTAL	15

\* A minimum of 195 quarter hours are required for graduation. No additional major or minor required.

## MAJOR—ELEMENTARY EDUCATION\*

This curriculum is designed to meet State requirements for Elementary Teachers Certificates as prescribed by the Department of Education of Kentucky. Completion of the four-year curriculum leads to the Standard Elementary Certificate and the A. B. degree with a major in Elementary Education. Completion of the first two years with Directed Teaching qualifies for a Provisional Elementary Certificate. Directed Teaching will be arranged during the Spring quarter of the sophomore year for candidates who are completing requirements for the Provisional Elementary Certificate.

### FRESHMAN YEAR

First Quarter	Hours
Eng. 101—Eng. Comp. & Rhetoric	3
Biol. 101—Fundamental Biology	4
Hist. 101—World Civilization	4
Phy. Ed. 101—Orientation	1
Ed. 100—Orientation	0
Music 101—Pub. Sch. Music	3
Art Ed. 101—Pub. Sch. Art	2
<b>TOTAL</b>	<b>17</b>

Second Quarter	Hours
Eng. 102—Eng. Comp. & Rhetoric	3
Biol. 102—Fundamental Biology	4
Hist. 102—World Civilization	4
Phy. Ed. 102—(Limited Elective)	1
Music 102—Public Sch. Music	3
Art Ed. 102—Industrial Art	2
<b>TOTAL</b>	<b>17</b>

Third Quarter	Hours
Eng. 103—Eng. Comp. & Rhetoric	3
Ed. 113—Penmanship	1
Phy. Ed. 103—(Limited Elective)	1
Soc. 102—Principles of Geog.	4
Math. 103—Teachers Arithmetic	4
Ed. 103—Intro. to Education	4
<b>TOTAL</b>	<b>17</b>

### SOPHOMORE YEAR

First Quarter	Hours
Soc. 201—Intro. to Physical Sci.	4
Hist. 201—United States History	4
Phy. Ed. 201—(Limited Elective)	1
Ed. 201—Fund. of Ele. Ed.	3
Eng. 201—Speech	4
<b>TOTAL</b>	<b>16</b>

Second Quarter	Hours
Soc. 202—Intro. to Physical Sci.	4
Hist. 202—United States History	4
Phy. Ed. 202—(Limited Elective)	1
Ed. 202—Fund. of Ele. Ed.	3
Eng. 202—Children's Lit.	4
<b>TOTAL</b>	<b>16</b>

Third Quarter	Hours
Ed. 213—Teach. of Reading	4
Soc. 213—Geography of N. A.	4
Phy. Ed. 213—(Limited Elective)	1
Ed. 203—Educational Psychology	4
Phy. Ed. 233—Hygiene	2
<b>TOTAL</b>	<b>15</b>

\* No additional major or minor required. A minimum of 191 quarter hours are required for graduation.

### JUNIOR YEAR

First Quarter	Hours
Ed. 301—Child Psychology	4
Phy. Ed. 401—Mat. and Meth. of Ele. Sch.	2
Hist. 311—American Government	4
Ed. 311—Manuscript Writing	1
Piano	1
Electives	4-5
<b>TOTAL</b>	<b>16-17</b>

Second Quarter	Hours
Phy. Ed. 302—Health and Safety	4
Ed. 332—Special Problems of Rural, Home, Farm Life	4
English Elective	4
Piano	1
Electives	4
<b>TOTAL</b>	<b>17</b>

Third Quarter	Hours
Ed. 333—Sch. Act. in Rur. Com.	4
Hist. 313—Prob. of Citizenship	4
Piano	1
Electives	6-7
<b>TOTAL</b>	<b>15-16</b>

### SENIOR YEAR

First Quarter	Hours
Art Ed. 400—Industrial Arts (Lab.)	3
Ed. 431—Org. and Mgt.	4
Electives	9
or Directed Teaching and Observation	15
<b>TOTAL</b>	<b>15-16</b>

Second Quarter	Hours
Ed. 402—Tests and Measures	3
Electives	12
or Directed Teach. and Observation	15
<b>TOTAL</b>	<b>15</b>

Third Quarter	Hours
Ed. 400—Elem. Directed Teaching or Observation	15
Electives	15
<b>TOTAL</b>	<b>15</b>

## MAJOR—MUSIC EDUCATION\*

### FRESHMAN YEAR

First Quarter	Hours
Mus. Ed. 101—Public Sch. Music	3
Mus. Ed. 100A—Music (Applied)	$\frac{1}{2}$
Electives	14
<b>TOTAL</b>	<b>17<math>\frac{1}{2}</math></b>

Second Quarter	Hours
Mus. Ed. 102—Public Sch. Music	3
Mus. Ed. 100B—Music (Applied)	$\frac{1}{2}$
Electives	14
<b>TOTAL</b>	<b>17<math>\frac{1}{2}</math></b>

Third Quarter	Hours
Mus. Ed. 100C—Music (Applied)	$\frac{1}{2}$
Electives	16
<b>TOTAL</b>	<b>16<math>\frac{1}{2}</math></b>

\* A minimum of 36 quarter hours must be included in the major.

# SOPHOMORE YEAR

First Quarter	Hours
Mus. Ed. 201—Ear-Training	3
Mus. Ed. 200A—Music (Applied)	14
Electives	17½
<b>TOTAL</b>	<b>17½</b>

Second Quarter	Hours
Mus. Ed. 202—Ear-Training	3
Mus. Ed. 200B—Music (Applied)	14
Electives	17½
<b>TOTAL</b>	<b>17½</b>

Third Quarter	Hours
Mus. Ed. 203—Ear-Training	3
Mus. Ed. 200C—Music (Applied)	14
Electives	17½
<b>TOTAL</b>	<b>17½</b>

# JUNIOR YEAR

First Quarter	Hours
Mus. Ed. 301—Harmony	3
Mus. Ed. 300A—Music (Applied)	14
Mus. Ed. 311—Music in Elem. Grades	4
Electives	10
<b>TOTAL</b>	<b>17½</b>

Second Quarter	Hours
Mus. Ed. 302—Harmony	3
Mus. Ed. 300B—Music (Applied)	14
Electives	10
P. Ed. 302—Health and Safety	4
<b>TOTAL</b>	<b>17½</b>

Third Quarter	Hours
Mus. Ed. 303—Harmony	3
Mus. Ed. 300C—Music (Applied)	14
Mus. Ed. 313—Music in Jr. and Sr. High Schools	4
Electives	10
<b>TOTAL</b>	<b>17½</b>

# SENIOR YEAR

First Quarter	Hours
Mus. Ed. 401—History and Appre.	4
Mus. Ed. 400A—Music (Applied)	14
Electives	13
<b>TOTAL</b>	<b>17½</b>

Second Quarter	Hours
Mus. Ed. 402—History and Appre.	4
Mus. Ed. 400B—Music (Applied)	14
Electives	13
<b>TOTAL</b>	<b>17½</b>

Third Quarter	Hours
Mus. Ed. 413—Conducting	2
Mus. Ed. 400C—Music (Applied)	14
Electives	15
Directed Teaching and Observation	15
<b>TOTAL</b>	<b>15-17½</b>

# MAJOR—COMMERCIAL TEACHER EDUCATION\*

## FRESHMAN YEAR

First Quarter	Hours
BA 101—Elementary Typewriting	2
BA 111—Business Mathematics	3
Eng. 101—Eng. Comp. & Rhetoric	3
Ed. 100—Orientation	0
Hist. 101—World Civilization	4
Biol. 101—Fundamental Biology	4
Phy. Ed. 100—Orientation	1
<b>TOTAL</b>	<b>17</b>

Second Quarter	Hours
BA 102—Elementary Typewriting	2
BA 112—Business Mathematics	3
Eng. 102—Eng. Comp. & Rhetoric	3
Hist. 102—World Civilization	4
Biol. 102—Fundamental Biology	4
Phy. Ed. —Elective	1
<b>TOTAL</b>	<b>17</b>

Third Quarter	Hours
BA 103—Intermediate Typew.	2
BA 113—Business Mathematics	3
BA 104—Principles of Business	4
Eng. 103—Eng. Comp. & Rhetoric	3
Biol. 103—Fundamental Biology	4
Phy. Ed. —Elective	1
<b>TOTAL</b>	<b>17</b>

## SOPHOMORE YEAR

First Quarter	Hours
BA 201—Advanced Typewriting	2
BA 211—Elem. Stenography	3
or Elective	3
Eng. 201—Speech	4
Soc. 201—Principles of Economics	3
BA 207—Business English	4
Phy. Ed. —Elective	1
<b>TOTAL</b>	<b>17</b>

Second Quarter	Hours
BA 202—Advanced Typewriting	2
BA 212—Elem. Stenography	3
or Elective	3
Eng. 212—Survey of Eng. Lit.	4
Soc. 212—Principles of Economics	3
BA 222—Business English	4
Phy. Ed. —Elective	1
<b>TOTAL</b>	<b>17</b>

Third Quarter	Hours
BA 213—Elem. Stenography	3
or Elective	3
Eng. 213—Survey of Eng. Lit.	4
Ed. 203—Educational Psychology	4
BA 223—Secretarial Practice and Filing	4
Phy. Ed. —Elective	1
<b>TOTAL</b>	<b>16</b>

## JUNIOR YEAR

First Quarter	Hours
BA 301—Principles of Accounting	4
BA 311—Intermediate Stenography	3
BA 321—Business Law	4
Ed. 321—Prin. of Secondary Ed.	4
Electives	2
<b>TOTAL</b>	<b>17</b>

Second Quarter	Hours
BA 302—Prin. of Accounting	4
BA 312—Advanced Stenography	3
BA 322—Business Law	4
Electives	2
P. Ed. 302—Health and Safety	4
<b>TOTAL</b>	<b>17</b>

Third Quarter	Hours
BA 303—Prin. of Accounting	4
BA 313—Transcription	3
BA 323—Business Org. and Finance	4
Electives	5-6
<b>TOTAL</b>	<b>16-17</b>

\* Students who major in Commercial Teacher Education must pursue an additional major or two minors. A total of 197 quarter hours are required for graduation.

SENIOR YEAR		
First Quarter	Hours	Third Quarter
BA 411—Principles of Insurance... 4		Ed. 400—B. Ed. Directed Teaching... 15
Ed. 410—B. Ed. Methods and Materials... 6		and Observation... 15
Electives... 6-7		
TOTAL... 16-17		

## MAJOR—BUSINESS ADMINISTRATION\*

FRESHMAN YEAR		
Second Quarter	Hours	Third Quarter
BA 102—Elem. Typewriting... 2		BA 103—Intermed. Typew. 2
BA 112—Business Math. 3		BA 113—Business Math. 3
Eng. 102—Eng. Comp. & Rhet. 3		BA 123—Principles of Bus. 4
Hist. 102—World Civilization 4		Eng. 103—Eng. Comp. & Rhet. 3
Biol. 102—Fund. Biol. 4		Biol. 103—Fund. Biol. 4
P. Ed. 101—Orientation 1		P. Ed. 103—Fund. Biol. 4
Hist. 101—World Civilization 4		P. Ed. 103—Fund. Biol. 4
TOTAL... 17		TOTAL... 17

SOPHOMORE YEAR		
Second Quarter	Hours	Third Quarter
BA 202—Adv. Typewriting... 2		BA 213—Elem. Stenography 3
BA 212—Elem. Stenography 3		or Elective 4
Eng. 212—Survey of Eng. Lit. 4		Eng. 213—Survey of Eng. Lit. 4
Soc. 212—Principles of Ec. 3		Ed. 223—Educational Psy. 4
BA 222—Business English 4		BA 223—Sec. Prac. & Filing 4
P. Ed. 222—Business English 4		P. Ed. 223—Sec. Prac. & Filing 4
TOTAL... 17		TOTAL... 16

\* A minimum of 193 quarter hours are required for graduation. No additional major or minors required.

JUNIOR YEAR		
Second Quarter	Hours	Third Quarter
BA 302—Prin. of Acct. 4		BA 303—Interm. Acct. 4
BA 322—Business Law 4		BA 323—Bus. Organ. and Finance 4
BA 332—Money and Banking 4		Electives 8
Hist. 312—American Govt. 4		
TOTAL... 16		TOTAL... 16

  

SENIOR YEAR		
Second Quarter	Hours	Third Quarter
BA 402—Advanced Acct. 4		Ed. 400—B. Ed. Directed Tchg. 15
BA 412—Prin. of Ins. 4		and Observation 15
Ed. 402—Tests and Measurement 3		Electives 15
Electives in Sec. Ed. 2		
P. Ed. 302—Health and Safety 4		TOTAL... 15
TOTAL... 17		

## MAJOR—PHYSICAL AND HEALTH EDUCATION\*

FRESHMAN YEAR		
Second Quarter	Hours	Third Quarter
P. Ed. 121—Personal Hyg. 3		P. Ed. 122—First Aid 3
Eng. 102—Eng. Comp. & Rhet. 4		Eng. 103—Eng. Comp. & Rhet. 4
Biol. 102—Fund. Biology 4		Biol. 103—Fund. Biology 4
Hist. 102—World Civilization 4		Hist. 103—Contemporary Art 1
P. Ed. 102—Recreational Act. 1		P. Ed. 103—Recreational Act. 1
P. Ed. 132—Mod. & Soc. Danc. 1		P. Ed. 133—Folk & Natl Danc. 1
TOTAL... 16		TOTAL... 16

\* A minimum of 193 quarter hours required for graduation. One additional major or two minors must be pursued.

# SOPHOMORE YEAR

First Quarter		Hours
P. Ed. 221—Physiology	3	
P. Ed. 201a—P. Ed. Practice	2	
Eng. 201—Speech	4	
Soc. 201—Intro. Soc. Sci.	4	
Sci. 201—Intro. Phys. Sci.	4	
<b>TOTAL</b>		<b>17</b>

Second Quarter		Hours
P. Ed. 222—Human Anatomy	3	
P. Ed. 202a—P. Ed. Practice	2	
Eng. 212—Surv. Eng. Lit.	4	
Soc. 202—Intro. Soc. Sci.	4	
Sci. 202—Intro. Phys. Sci.	4	
<b>TOTAL</b>		<b>17</b>

Third Quarter		Hours
P. Ed. 203a—P. Ed. Practice	1	
Eng. 213—Surv. Eng. Lit.	4	
Soc. 203—Intro. Soc. Sci.	4	
Sci. 203—Intro. Phys. Sci.	4	
Ed. 203—Ed. Psychology	4	
<b>TOTAL</b>		<b>17</b>

# JUNIOR YEAR

First Quarter		Hours
P. Ed. 321—Hist. & Prin. P. Ed. 3	3	
P. Ed. 331—Badminton & Tennis	1	
P. Ed. 311—Mat. & Meth. Elem.	3	
Ed. 321—Prin. of Sec. Ed.	2	
Electives	8	
<b>TOTAL</b>		<b>17</b>

Second Quarter		Hours
P. Ed. 302—Health & Safety Ed. 4	4	
P. Ed. 312—Theory and Prac. Organized Play	2	
P. Ed. 322—Mat. & Meth. Jr. and Sr. High Schools	3	
P. Ed. 332—Minor Sports	1	
Ed. 312—Extra-Curr. Act. Electives	7	
<b>TOTAL</b>		<b>17</b>

Third Quarter		Hours
P. Ed. 313—Correctives P. Ed. 3	3	
P. Ed. 333—Archery	1	
P. Ed. 323—Org. & Adm. Intramural Athletics	3	
P. Ed. 343—Boxing & Wrestling Electives	9	
<b>TOTAL</b>		<b>17</b>

# SENIOR YEAR

First Quarter		Hours
P. Ed. 401—Seminar in Health and P. Ed.	3	
Electives	14	
<b>TOTAL</b>		<b>17</b>

Second Quarter		Hours
P. Ed. 402—Org. & Adm. P. Ed. 3	3	
Ed. 402—Tests and Meas. Electives	10	
<b>TOTAL</b>		<b>16</b>

Third Quarter		Hours
P. Ed. 403—Directed Tchg. P. Ed. 15	15	
<b>TOTAL</b>		<b>15</b>

# MAJOR—AGRICULTURE\*

## FRESHMAN YEAR

First Quarter		Hours
Hist. 101—World Civ.	4	
Ag. 101—Farm Animals	4	
Ed. 101—Fund. Biol.	4	
Biol. 101—Fund. Biol.	4	
Eng. 101—Eng. Comp.	3	
Ed. 100—Orientation	0	
P. Ed. 101—Orientation	1	
<b>TOTAL</b>		<b>16</b>

Second Quarter		Hours
Hist. 102—World Civ.	4	
Ag. 102—Feeds and Feeding	4	
Biol. 102—Fund. Biol.	4	
Eng. 102—English Comp.	3	
P. Ed. 102—Elective	1	
<b>TOTAL</b>		<b>16</b>

Third Quarter		Hours
Ag. 103—Farm Crops	4	
Eng. 103—Eng. Comp. and Rhetoric	3	
Ed. 103—Intro. to Ed.	4	
P. Ed. 103—Elective	1	
Elective	4-5	
<b>TOTAL</b>		<b>16-17</b>

## SOPHOMORE YEAR

First Quarter		Hours
Sci. 201—Intro. to Phy. Sci.	4	
Chem. 101—Gen. Chem.	4	
Eng. 201—Speech	4	
Soc. 311—Prin. of Ec.	4	
P. Ed. 201—Elective	1	
<b>TOTAL</b>		<b>17</b>

Second Quarter		Hours
Ag. 212—Soils	4	
Eng. 212—Survey of Eng. Lit.	4	
Chem. 102—Gen. Chem.	4	
Soc. 312—Prin. of Ec.	4	
P. Ed. 212—Elective	1	
<b>TOTAL</b>		<b>17</b>

Third Quarter		Hours
Ag. 213—Vegetable Growing	4	
Chem. 103—Gen. Chem.	4	
Ed. 203—Educational Psy.	4	
Eng. 213—Survey of Eng. Lit.	4	
P. Ed. 213—Elective	1	
<b>TOTAL</b>		<b>17</b>

## JUNIOR YEAR

First Quarter		Hours
Ag. 311—Fruit Growing	4	
Soc. 331—Rural Soc.	4	
Chem. 201—Org. Chem.	4	
Ed. 321—Prin. Sec. Ed.	4	
Elective	3	
<b>TOTAL</b>		<b>17</b>

Second Quarter		Hours
P. Ed. 302—Health and Safety	4	
Ag. 302—Plant Physiology	3	
Biol. 302—Bacteriology	4	
Ag. 301—Dairying	3	
Ag. 312—Animal Diseases	3	
<b>TOTAL</b>		<b>17</b>

Third Quarter		Hours
Biol. 303—Genetics	4	
Ag. 303—Poultry	4	
Ed. 302—Vocational Ed.	4	
P. Ed. 233—Personal Hygiene Electives	2-3	
<b>TOTAL</b>		<b>16-17</b>

\* A minimum of 196 quarter hours required for graduation. No additional major or minors required.

### First Quarter

	Hours
Ag. 401—Farm Shop	4
Biol. 401—Entomology	4
Ag. 421—Food Preservation	3
Ed. 410a—Meth. of Tchg. Ag.	4
Ag. 431—Marketing	2
<b>TOTAL</b>	<b>17</b>

### SENIOR YEAR

	Hours
Second Quarter	
Ag. 402—Food Preservation	1
Ag. 412—Farm Management	4
Ag. 422—Farm Shop	4
Ag. 432—Ag. Extension	4
Ag. 442—Marketing	2
<b>TOTAL</b>	<b>15</b>

### Third Quarter

	Hours
Ed. 400—Ag. Dir. Tchg. and Observation	15
<b>TOTAL</b>	<b>15</b>

### HOME ECONOMICS\* (Area of Concentration)

#### FRESHMAN YEAR

	Hours
Second Quarter	
Biol. 102—Fund. Biol.	4
Eng. 102—Eng. Comp. & Rhet.	3
P. Ed.—Elective	1
H. Ec. 102—Textiles & Laund.	4
H. Ec. 122—Home Nursing	4
<b>TOTAL</b>	<b>16</b>

### First Quarter

	Hours
Biol. 101—Fund. Biol.	4
Eng. 101—Eng. Comp. & Rhet.	3
Ed. 100—Orientation	0
P. Ed. 101—Orientation	1
H. Ec. 101—Art and Design	4
H. Ec. 111—Food Problems	4
<b>TOTAL</b>	<b>16</b>

### Third Quarter

	Hours
Biol. 103—Fund. Biol.	4
Eng. 103—Eng. Comp. & Rhet.	3
P. Ed.—Elective	1
H. Ec. 103—Child Care	4
H. Ec. 113—Food Prep. & Serv.	4
<b>TOTAL</b>	<b>16</b>

#### SOPHOMORE YEAR

	Hours
Second Quarter	
Chem. 102—General Chem.	4
Eng. 212—Survey of Eng. Int.	4
P. Ed.—Elective	1
H. Ec. 202—Costume & Design	4
H. Ec. 212—Food Prep. & Serv.	4
<b>TOTAL</b>	<b>17</b>

### First Quarter

	Hours
Chem. 101—General Chem.	4
Eng. 201—Speech	4
P. Ed.—Elective	1
H. Ec. 201—Clothing	4
Elective	3-4
<b>TOTAL</b>	<b>16-17</b>

### Third Quarter

	Hours
Chem. 103—General Chem.	4
Ed. 203—Educational Psy.	4
P. Ed.—Elective	1
H. Ec. 203—Clothing	4
H. Ec. 223—Home Planning	4
<b>TOTAL</b>	<b>17</b>

\* A minimum of 192 quarter hours required for graduation. No additional major is required.

### First Quarter

	Hours
Soc. 301—Intro. to Soc.	3
Soc. 331—Rural Sociology	3
Chem. 201—Organic Chem.	4
H. Ec. 301—Nutrition	4
H. Ec. 321—Home Decoration	3
<b>TOTAL</b>	<b>17</b>

### JUNIOR YEAR

	Hours
Second Quarter	
Biol. 302—Bacteriology	4
H. Ec. 302—Clothing	4
P. Ed. 302—Health and Safety	4
Elective	3-4
<b>TOTAL</b>	<b>15-16</b>

### Third Quarter

	Hours
H. Ec. 300—Home Management	8
and Elect. from	
Ed. 302—Vocational Education	4
Soc. 405—Con. Economics	4
H. Ec. 303—Advanced Clothing	4
<b>TOTAL</b>	<b>16</b>

### First Quarter

	Hours
H. Ec. 411—Food Service	4
Ed. 410H—H. Ec. Methods	5
H. Ec. 300—Home Management	8
or Electives	8
Soc. 405—Con. Ec. and Elect.	
In Secondary Ed.	8
<b>TOTAL</b>	<b>16-17</b>

### SENIOR YEAR

	Hours
Second Quarter	
Soc. 442—The Family	3
H. Ec. 400—Meth. of Adult Ed.	4
and Electives	8
or	
Ed. 400—H. Ec. Dir. Tchg. and Observation	15
<b>TOTAL</b>	<b>15</b>

### Third Quarter

	Hours
Soc. 453—The Family (Seminar)	3
H. Ec. 400—Meth. of Adult Ed.	4
and Electives	8
or	
Ed. 400—H. Ec. Dir. Tchg. and Observation	15
<b>TOTAL</b>	<b>16</b>

### MAJOR IN GENERAL SCIENCE

#### (Area of Concentration)

The curriculum in General Science is designed primarily for students who wish to complete the teaching area in the Sciences. Beginning students should pursue the following plan:

1. For the Freshman and Sophomore years, follow the curriculum of the Biology or Chemistry Department; depending upon which field the student elects to pursue a minimum of 36 quarter hours during the four years.
2. For the Junior year, the student who has completed the Sophomore curriculum in Biology should take all Junior year Biology and Education courses. In addition, a minimum of 8 hours of Chemistry should be pursued during the year; or:
3. The student who has completed the Sophomore curriculum in Chemistry should take all Chemistry and Education courses for that year, in addition to a minimum of 8 hours in Biology.
4. For the Senior year, take Directed Teaching 15 hours, and elect 8 hours of science.

# MAJOR—BIOLOGY\*

## FRESHMAN YEAR

First Quarter	Hours
Biol. 101—Fundamental Biology	4
Chem. 101—General Chemistry	4
Math. 101—Algebra	4
Eng. 101—Eng. Comp. & Rhetoric	3
Phy. Ed. 100—Orientation	1
Ed. 100—Orientation	0
<b>TOTAL</b>	<b>16</b>

Second Quarter	Hours
Biol. 102—Fundamental Biology	4
Chem. 102—General Chemistry	4
Math. 102—Algebra	4
Eng. 102—Eng. Comp. & Rhetoric	3
Phy. Ed. 100—Elective	1
<b>TOTAL</b>	<b>16</b>

Third Quarter	Hours
Biol. 103—Fundamental Biology	4
Chem. 103—General Chemistry	4
Math. 103—Trigonometry	4
Eng. 103—Eng. Comp. & Rhetoric	3
Phy. Ed. 100—Elective	1
<b>TOTAL</b>	<b>16</b>

## SOPHOMORE YEAR

First Quarter	Hours
Biol. 201—General Botany	4
Sci. 211—Physics	4
Eng. 201—Speech	4
Phy. Ed. 100—Elective	1
Electives	4
<b>TOTAL</b>	<b>17</b>

Second Quarter	Hours
Biol. 202—General Zoology	4
Sci. 212—Physics	4
Eng. 212—Survey of Eng. Lit.	4
Phy. Ed. 100—Elective	1
Electives	4
<b>TOTAL</b>	<b>17</b>

Third Quarter	Hours
Sci. 213—Physics	4
Ed. 203—Educational Psy.	4
Phy. Ed. 100—Elective	1
Electives	8
<b>TOTAL</b>	<b>17</b>

## JUNIOR YEAR

First Quarter	Hours
Biol. 301—General Physiology	4
Electives	12
<b>TOTAL</b>	<b>16</b>

Second Quarter	Hours
Biol. 302—General Bacteriology	4
Phy Ed. 302—Health and Safety	4
Electives	8
<b>TOTAL</b>	<b>16</b>

Third Quarter	Hours
Biol. 303—Genetics	4
Electives	12
<b>TOTAL</b>	<b>16</b>

\* The student must complete a minimum of 8 hours of Secondary Education and 7 hours of General Education. A minimum of 194 quarter hours are required for graduation and a minimum of 36 quarter hours must be included in the major.

## SENIOR YEAR

First Quarter	Hours
Biol. 401—General Entomology	4
Electives	12
<b>TOTAL</b>	<b>16</b>

Second Quarter	Hours
Biol. 400—Comp. Vertebrate Anat.	4
Electives	12
<b>TOTAL</b>	<b>16</b>

Third Quarter	Hours
Ed. 400—Bl. Directed Teaching and Observation	15
Electives	15
<b>TOTAL</b>	<b>15</b>

# MAJOR—CHEMISTRY\*

## FRESHMAN YEAR

First Quarter	Hours
Eng. 101—Eng. Comp. & Rhet.	3
Fren. 101—Elem. Fren. or Math. 101—Algebra	4
P. Ed. 101—Orientation	1
Chem. 101—General Chem.	4
Ed. 100—Orientation	0
Electives	4
<b>TOTAL</b>	<b>16</b>

Second Quarter	Hours
Eng. 102—Eng. Comp. & Rhet.	3
Fren. 102—Elem. Fren. or Math. 102—Algebra	4
P. Ed. 102—Elective	1
Chem. 102—General Chem.	4
Electives	4
<b>TOTAL</b>	<b>16</b>

Third Quarter	Hours
Eng. 103—Eng. Comp. & Rhet.	3
Fren. 103—Elem. French or Math. 103—Trigonometry	4
P. Ed. 103—Elective	1
Chem. 103—General Chem.	4
Electives	4
<b>TOTAL</b>	<b>16</b>

## SOPHOMORE YEAR

First Quarter	Hours
Eng. 201—Speech	4
Sci. 211—Physics	4
Chem. 201—Org. Chemistry	4
Fren. 201—Interm. French	4
P. Ed. 201—Elective	1
<b>TOTAL</b>	<b>17</b>

Second Quarter	Hours
Eng. 212—Survey Eng. Lit.	4
Sci. 212—Physics	4
Chem. 202—Org. Chemistry	4
French 202—Interm. Fren.	4
P. Ed. 202—Elective	1
<b>TOTAL</b>	<b>17</b>

Third Quarter	Hours
Ed. 203—Ed. Psychology	4
Sci. 213—Physics	4
Chem. 203—Org. Chemistry	4
Fren. 203—Interm. French	4
P. Ed. 203—Elective	1
<b>TOTAL</b>	<b>17</b>

\* The student must complete a minimum of 8 hours of Secondary Education and 7 hours of General Education. A minimum of 197 quarter hours are required for graduation and a minimum of 36 quarter hours must be included in the major.

# JUNIOR YEAR

First Quarter	Hours
Chem. 301—Qualitative Anal. — 6	
Soc. Sci. Elective — 3	
Electives (Maj. and Min.) — 8	
TOTAL — 17	

Second Quarter	Hours
Chem. 302—Volumetric Anal. — 6	
Soc. Sci. Elective — 3	
Electives (Maj. & Min.) — 4	
P. Ed. 302—Health and Safety — 4	
TOTAL — 17	

Third Quarter	Hours
Soc. Sci. Elective — 3	
Electives (Maj. and Min.) — 14	
TOTAL — 17	

First Quarter	Hours
Chem. 401—Physical Chem. — 6	
Electives — 10-11	
TOTAL — 16-17	

Second Quarter	Hours
Chem.—Spec. Prob. — 4	
Electives — 12-13	
TOTAL — 16-17	

Third Quarter	Hours
Ed. 400—Dir. Tchg. and Observation — 15	
TOTAL — 15	

## MAJOR—MATHEMATICS FRESHMAN YEAR

First Quarter	Hours
Eng. 101—Eng. Comp. & Rhetoric 3	
Math. 101—Algebra — 4	
Chem. 101—General Chemistry — 4	
Hist. 101—World Civilization — 4	
Ed. 100—Orientation — 0	
Phy. Ed. 100—Orientation — 1	
TOTAL — 16	

Second Quarter	Hours
Eng. 102—Eng. Comp. & Rhetoric 3	
Math. 102—Algebra — 4	
Chem. 102—General Chemistry — 4	
Hist. 102—World Civilization — 4	
Phy. Ed.—Elective — 1	
TOTAL — 16	

Third Quarter	Hours
Eng. 103—Eng. Comp. & Rhetoric 3	
Math. 103—Trigonometry — 4	
Chem. 103—General Chemistry — 4	
Ed. 103—Intro. to Education — 4	
Phy. Ed.—Elective — 1	
TOTAL — 16	

First Quarter	Hours
Math. 201—Analytic Geometry — 4	
Soc. 201—Intro. to the Soc. Sci. — 4	
Eng. 201—Speech — 4	
Scl. 211—Physics — 4	
Phy. Ed.—Elective — 1	
TOTAL — 17	

Second Quarter	Hours
Math. 202—Solid Analytic Geom. — 4	
Soc. 202—Intro. to the Soc. Sci. — 4	
Eng. 212—Survey of Eng. Lit. — 4	
Scl. 212—Physics — 4	
Phy. Ed.—Elective — 1	
TOTAL — 17	

Third Quarter	Hours
Soc. 203—Intro. to the Soc. Sci. — 4	
Ed. 203—Educational Psy. — 4	
Scl. 213—Physics — 4	
Phy. Ed.—Elective — 1	
TOTAL — 17	

# JUNIOR YEAR

First Quarter	Hours
Math. 301—Calculus — 3	
Electives — 13	
TOTAL — 16	

Second Quarter	Hours
Math. 302—Calculus — 3	
Phy. Ed. 302—Health and Safety — 9	
Electives — 4	
TOTAL — 16	

Third Quarter	Hours
Math. 303—Calculus — 3	
Math. 313—Theory of Equations — 4	
Electives — 10	
TOTAL — 17	

First Quarter	Hours
Math. 401—Differential Equations 4	
Electives — 13	
TOTAL — 17	

Second Quarter	Hours
Math. 412—College Geometry — 3	
Ed. 410M—Meth. of Teach. Math. 3	
Electives — 10	
TOTAL — 16	

Third Quarter	Hours
Ed. 400—Math. Directed Teaching and Observation — 15	
Electives — 15	
TOTAL — 15	

## MAJOR—GENERAL ENGINEERING\* FRESHMAN YEAR

First Quarter	Hours
Math. 101—Algebra — 4	
Eng. 101—English Comp. — 3	
P. Ed. 101—Orientation — 1	
Engr. 101—Engr. Drawing — 3	
Ed. 100—Orientation — 0	
Chem. 101—General Chem. — 4	
TOTAL — 15	

Second Quarter	Hours
Math. 102—Algebra — 4	
Eng. 102—English Comp. — 3	
P. Ed.—Elective — 1	
Engr. 102—Engr. Drawing — 3	
Chem. 102—General Chemistry — 4	
TOTAL — 15	

Third Quarter	Hours
Math. 103—Trigonometry — 4	
Eng. 103—English Comp. — 3	
P. Ed.—Elective — 1	
Engr. 103—Engr. Drawing — 3	
Chem. 103—General Chem. — 4	
TOTAL — 15	

First Quarter	Hours
Scl. 211—Physics — 4	
Math. 201—Anal. Geom. — 4	
Engr. 201—Speech — 4	
Engr. 213—Surveying — 4	
Engr. 200B—Radio — 3	
P. Ed.—Elective — 1	
TOTAL — 20	

Second Quarter	Hours
Scl. 212—Physics — 4	
Math. 202—Anal. Geom. — 4	
Engr. 212—Survey Eng. Lit. — 4	
Engr. 202—Mach. Shop Prac. — 3	
Math. 212—Descriptive Geom. — 3	
P. Ed.—Elective — 1	
TOTAL — 19	

Third Quarter	Hours
Scl. 213—Physics — 4	
Engr. 203—Mach. Shop Prac. — 3	
P. Ed. 203—Elective — 1	
Electives — 9	
TOTAL — 17	

\* A minimum of 203 quarter hours are required for graduation. No additional major or minor required.

# JUNIOR YEAR

First Quarter	Hours
Math. 301—Calculus	4
Engr. 301—Applied Mech.	3
Engr. 311—Elem. of Elec. Engr.	3
Engr. 301—Hydraulics	4
Chem. 301—Qualitative Anal.	4
TOTAL	18

Second Quarter	Hours
Math. 302—Calculus	4
Engr. 312—Applied Mech.	3
Engr. 312—Elem. of Elec. Engr.	3
Engr. 332—Elem. Metallurgy	3
Engr. 352—Engr. Thermodynam.	4
TOTAL	17

Third Quarter	Hours
Engr. 313—Elem. of Elec. Engr.	3
Engr. 323—Elec. Engr. Lab.	3
Engr. 333—Strength of Mat.	4
Engr. 343—Test Materials	2
Engr. 353—Engr. Thermodynam.	4
TOTAL	16

# SENIOR YEAR

First Quarter	Hours
Engr. 401—Theory of Struc.	4
Engr. 411—Ind. Elec.	3
Engr. 421—Heat & Ventil.	3
Engr. 431—Power Plant Lab.	2
Engr. 441—Elem. of Aerodynam.	2
Electives	3
TOTAL	17

Second Quarter	Hours
Engr. 402—Reinforced Concrete	3
Engr. 412—Ind. Elec.	3
Engr. 422—Heat & Ventila.	3
Engr. 432—Power Plant Lab.	2
Engr. 442—Elem. of Aerodynam.	2
Electives	4
TOTAL	17

Third Quarter	Hours
Engr. 403—Reinf. Concrete	3
Engr. 413—Highway Construc.	4
Engr. 423—Air Cond. & Refrig.	4
Electives	6
TOTAL	17

# INDUSTRIAL ARTS CURRICULUM—TWO YEAR CERTIFICATE\*

This curriculum attempts to offer vocational courses on the junior college level to the end that students may be prepared as either skilled mechanics in industry or as owners or supervisors of a small business in any one of the following:

Dairying	Radio Repairing	Automobile Repairing
Butchering	Clothing Construction	Food Preparation and Serving
Shoe Repairing	Welding	Photography
Plumbing	Heating Plant Operation	Chef Cooking

\* Each elective must be approved by the Dean of the College.

Candidates for a diploma must:

1. Satisfy the requirements for the two year curriculum.
2. Earn not less than 54 quarter hours in general studies with as many quality points as quarter hours earned.
3. Spend a minimum of 1440 clock hours in a specialized trade.  
(Credit for study is measured in clock hours. A course offering 5 quarter hours is equivalent to 20 clock hours per week for 12 weeks)

Study is made up of both practice and theory, but emphasis is largely placed on the former. Each student who enrolls in this curriculum pursues an individualized study and each student must furnish his own minimum set of tools for his chosen interest.

# FIRST YEAR

First Quarter	Hours
English Elective	4
Mathematics Elective	4
Physical Education 101	1
Trades	5
TOTAL	14

Second Quarter	Hours
English Elective	4
Mathematics Elective	4
Physical Education 102	1
Trades	5
TOTAL	14

Third Quarter	Hours
English Elective	4
Mathematics Elective	4
Physical Education 103	1
Trades	5
TOTAL	14

# SECOND YEAR

First Quarter	Hours
Business Law	4
Engineering Drawing or Elective	3
Speech	4
Trades	5
TOTAL	16

Second Quarter	Hours
Business Law	4
Engineering Drawing or Elective	3
Elective	4
Trades	5
TOTAL	16

Third Quarter	Hours
Business Organ. & Finance	4
Engineering Drawing or Elective	3
Elective	4
Trades	5
TOTAL	16

## DEPARTMENT OF AGRICULTURE

Mr. Manly

Mr. Adams

The major in Agricultural Education consists of a four-year college course leading to a B. S. degree.

The Agricultural Education curriculum provides an opportunity for interested young men, who have completed the standard high school course, to pursue advanced work in scientific, technical, and professional agriculture.

### AIMS

- (1) To train students to become teachers of agriculture, related sciences, and agricultural extension agents.
- (2) To train young men to become farmers, farm workers, farm managers, and business dealers in agricultural products.
- (3) To train young men to become students of rural life.
  - a. Appreciation for rural life.
  - b. Social and economic aspect of rural life.
  - c. Causes and effects of rural life movement.
- (4) To prepare students to pursue graduate study in agriculture.

Students must have a thorough practical knowledge of farm activities and rural life conditions before receiving degree. Students entering the college course in agriculture, who have not had farm experience, must receive such experience while pursuing their college work.

### COURSE DESCRIPTION

AGRICULTURE 101. *Farm Animals*.—Types and classes of market animals with special reference to the breeds adapted to the State of Kentucky. Credit, 4 hours.

AGRICULTURE 102. *Feeds and Feeding*.—General principles of nutrition as applied to farm animals; composition of feed stuffs, comparisons and use of feeding standards; calculating rations, methods of feeding for economic production. Credit, 4 hours.

AGRICULTURE 104. *Field and Forage Crops*.—A careful study of the important principles, factors, and operations affecting the production and uses of various field and forage crops of the United States, with special emphasis upon those of local importance. Credit, 3 hours.

AGRICULTURE 212. *Soil Management*.—The geologic origin of soil types, the physical textures of soils, and the principles of soil

conservation; soil fertility, soil organisms, use of commercial fertilizers, farm manures, and lime in perfecting a system of permanent agriculture. Credit, 4 hours.

AGRICULTURE 213. *Vegetable Growing*.—The art and science of growing vegetables, sowing and planting, cultural methods, cropping systems, harvesting and marketing; the construction and management of hotbeds, coldframes, and greenhouses. Credit, 4 hours.

AGRICULTURE 301. *Dairying*.—Breeds of dairy cattle; pure bred cattle registration; factors influencing the composition of milk; laws governing production and distribution of dairy products; the types and operation of dairy equipment; the problems and the manufacturing of dairy products. Credit, 3 hours.

AGRICULTURE 302. *Plant Physiology*.—The vital processes in plants; ash absorption, photosynthesis, respiration, growth and configuration, and reproduction. Credit, 3 hours.

AGRICULTURE 303. *Poultry Husbandry*.—The study of types and breeds of poultry—their origin, development, characteristics, and use; the management of incubators, brooders, and poultry plants, and the marketing of poultry products. Credit, 4 hours.

AGRICULTURE 311. *Fruit Growing*.—A general course covering the more important practices involved in the propagation, production and harvesting of both tree and bush fruits. Credit, 4 hours.

AGRICULTURE 312. *Animal Diseases*.—This course is intended to: (1) enable the student to understand and appreciate the attributes of animal life; (2) to diagnose, combat, control, and prevent the more common diseases of farm animals. Credit, 3 hours.

AGRICULTURE 401. *Farm Shop*.—Training in repairs and simple construction work on the farm, including skills in woodworking, iron work, tin work, cement, leather, and the care of tools. Credit, 4 hours.

AGRICULTURE 403. *Marketing Agricultural Products*.—The fundamental science of marketing as it applies to farm products, commodities, markets, trade channels, distribution forces, price-making, machinery for both raw and manufactured products. Credit, 4 hours.

AGRICULTURE 412. *Farm Management*.—The principles involved in the choice of a farm, comparative merits of extensive and intensive farming, farm records and accounting, analysis of the farm business. Farm labor problems, size of farm, and the amount of capital in relation to profits. Credit, 4 hours.

AGRICULTURE 421. *Food Preservation*.—This course is designed to train students in a practical way to preserve the surplus fruits, vegetables, and meats grown on farms by the cold pack method. Credit, 3 hours. Time to be arranged by the Director of Agriculture.

AGRICULTURE 422. *Farm Shop*.—The planning and laying out of land drainage systems, working with surveying instruments and

the making of farm maps. Plans and plan reading, water supply, waste disposal, heating, lighting, and power equipment. Credit, 4 hours.

AGRICULTURE 423. *Agriculture Extension*.—This course is designed to acquaint the students with the Agricultural Extension system of the United States Department of Agriculture in order that they develop proficiency in this field of endeavor. Credit, 4 hours. (Arranged.)

## DEPARTMENT OF BUSINESS ADMINISTRATION

Mrs. Smith

Mr. Lewis

The major teaching objective of the Department of Business Administration is the training for effective participation in business activities and for responsible membership in the modern community. Business activities may be technical, professional, or general in character. The program of the Department of Business Administration has been developed to meet the requirements of each type. To that end, the following curricula are offered:

1. General Business
2. Business Teacher Education
3. Secretarial Training
4. Commercial Teacher Education

For students completing the General Business or the Secretarial Training Curriculum, no additional major or minor is required.

Students following the Business Teacher Education or the Commercial Teacher Education curriculum shall pursue courses leading to an additional major of 36 quarter hours, or two minors of 24 quarter hours each.

### COURSE DESCRIPTION

BUSINESS ADMINISTRATION 101. *Elementary Typewriting*.—The development of posture, correct writing technique, knowledge and care of the machine, and the arrangement of simple material in attractive form. Credit, 2 hours.

BUSINESS ADMINISTRATION 102. *Elementary Typewriting*.—The continuation of skill development and machine manipulation; typing of business letters, and articles. Speed requirement, 35 words a minute on a 10-minute timed test. Lecture two hours per week; laboratory, four hours. Credit, 2 hours. (Lab. fee 75c.)

BUSINESS ADMINISTRATION 103. *Intermediate Typewriting*.—Speed and accuracy drills are stressed in an effort to attain 50 words a minute, the speed requirement for the year. Tabulation, the typing of rough drafts, cards, form letters, and stenciling are considered. Credit, 2 hours. (Lab. fee 75c.)

BUSINESS ADMINISTRATION 111. *Business Mathematics*.—Business problems, and preparation for courses in accounting. Credit, 3 hours.

BUSINESS ADMINISTRATION 112. *Business Mathematics*.—Partial payments, bank discount, profit and loss, commission and brokerage, and taxes. Credit, 3 hours.

BUSINESS ADMINISTRATION 113. *Business Mathematics*.—Continuation of Business Administration 112. Credit, 3 hours.

BUSINESS ADMINISTRATION 123. *Principles of Business*.—For the special student in Business Administration. The foundation for the more specialized courses. Credit, 3 hours.

BUSINESS ADMINISTRATION 201. *Advanced Typewriting*.—Primary attention is given to the typing of term reports, research style, programs, artistic typing, etc. A speed test daily. Credit, 2 hours.

BUSINESS ADMINISTRATION 202. *Advanced Typewriting*.—The development of proficiency adequate to meet vocational requirements. Emphasis is placed on legal documents; and the minimum speed of 60 words per minute on 10-minute timed test, with a maximum of 5 errors. Proficiency in both speed and typing power must be demonstrated by examination before a final mark is given. Credit, 2 hours.

BUSINESS ADMINISTRATION 211. *Elementary Stenography*.—Introduction to the fundamentals of Gregg Stenography through the analytical approach. Credit, 3 hours.

BUSINESS ADMINISTRATION 212. *Elementary Stenography*.—The continuation of principles learned in the first course. Credit, 3 hours.

BUSINESS ADMINISTRATION 213. *Elementary Stenography*.—The Gregg Manual is completed and the student increases his skill to the point where he can take dictation from 80 to 90 words a minute. Credit, 3 hours.

BUSINESS ADMINISTRATION 221. *Business English*.—The use of correct, forceful English in business correspondence; class discussions on the style, structure and aims of business letters; study of principles and methods of inducing the reader to act; practice in preparing application letters, credit and collection letters, and business reports. Credit, 3 hours.

BUSINESS ADMINISTRATION 222. *Business English*.—Continuation of Business Administration 221. Credit, 3 hours.

BUSINESS ADMINISTRATION 223. *Secretarial Practice and Filing*.—The development of a knowledge of the procedures and practices in the modern office. Some of the topics discussed are: Du-

ties of a secretary; handling of mails; deportment and ethics; use of office reference books; itineraries; telephoning and receiving callers; travel information, etc. The study of filing procedure and filing equipment; the development of vocational efficiency in the use of business machines, which includes the mimeograph, ditto, adding machine, comptometer, bookkeeping machine, and dictaphone. A fee of \$2 is charged for the course. Credit, 4 hours. (Lab. fee \$1.50.)

**BUSINESS ADMINISTRATION 301. Principles of Accounting.**—The balance sheet and profit and loss statement; accounts, journals, journalizing, posting and drawing of trial balances. Use of special journals, interest, discount, adjusting entries, work sheet, closing entries, controlling accounts and subsidiary ledgers. Credit, 4 hours.

**BUSINESS ADMINISTRATION 302. Principles of Accounting.**—Fundamental principles are stressed by continuous use of exercises, problems, and practice sets modeled after an ordinary sole proprietorship. Credit, 4 hours.

**BUSINESS ADMINISTRATION 303. Intermediate Accounting.**—Corporation accounting through laboratory sets; budgets, taxation, and analysis of financial statements. Credit, 4 hours.

**BUSINESS ADMINISTRATION 311. Intermediate Stenography.**—The development of fluency in reading, the acquiring of a good writing vocabulary, and the attainment of fluency and accuracy in the execution of notes should be clinched in this quarter. Two of the short classics are read in shorthand. Speed, 100 words per minute. Credit, 3 hours.

**BUSINESS ADMINISTRATION 312. Advanced Stenography.**—Intensive speed-building through vocabulary study and planned dictation. Emphasis is placed on editorials, articles, congressional reports, and court reports. A speed of 120 words is required. Credit, 3 hours.

**BUSINESS ADMINISTRATION 313. Dictation and Transcription.**—Integration of the skills developed in typewriting and stenography. The transcription rate of 25 words per minute is the goal. The student receives his final mark only after he has done laboratory work in various offices and passed the proficiency examination. Credit, 3 hours.

**BUSINESS ADMINISTRATION 321. Business Law.**—A brief survey of the development and function of law; a study of essentials of the binding contract; of the statute of frauds; of the interpretation of and performance of contracts; of the remedies granted in the event of the breach of contract, and of the assignment of contracts. Credit, 3 hours.

**BUSINESS ADMINISTRATION 322. Business Law.**—Specialized problems in credit, way of safeguarding credit, negotiable instruments, mortgages, sales and conditional sales, problems in bankrupting and insolvency, and receiverships. Credit, 3 hours.

**BUSINESS ADMINISTRATION 323. Business Organization and Finance.**—The various types of business organization prevalent in the United States and the most common methods used in financing them. Credit, 4 hours.

**BUSINESS ADMINISTRATION 331. Principles of Salesmanship.**—The formulation of selling policies, the actual selling prices, the creation of effective demand sales campaigns, selecting and training salesmen, are few of the subjects discussed. Credit, 4 hours.

**BUSINESS ADMINISTRATION 332. Money and Banking.**—The organization, operation, and economic significance of our monetary and banking institutions. Credit, 4 hours.

**BUSINESS ADMINISTRATION 401. Intermediate Accounting.**—Continuation of Business Administration 303. Credit, 4 hours.

**BUSINESS ADMINISTRATION 402. Advanced Accounting.**—Cost accounting; material control through requisitions, subsidiary records, and summary accounts. Payroll preparation; labor costs; including payroll taxes; factory wage systems; gathering actual overhead expenses through control and subsidiary accounts. Credit, 4 hours.

**BUSINESS ADMINISTRATION 409. Methods and Materials.**—Emphasis is placed on four subjects: Stenography, Typewriting, Secretarial Practice and Filing, and Accounting.

**BUSINESS ADMINISTRATION 411. Principles of Insurance.**—A survey course designed to acquaint the student with the general principles of insurance and their application to the various branches of the field. The nature and statistical basis of different kinds of insurance e. g., property insurance, straight life, endowment, accident, industrial, old age, fire, livestock, etc. Credit, 3 hours.

**BUSINESS ADMINISTRATION 412. Principles of Insurance.**—Continuation of Business Administration 411. Credit, 3 hours.

## DEPARTMENT OF HOME ECONOMICS

Mrs. Morton

Mrs. Hamilton

Miss Turner

### DEPARTMENTAL AIMS

- (1) To train teachers of home economics and related art.
- (2) To train homemakers from the point of manipulative skills and managerial ability, social usefulness, and worthy home membership.
- (3) To lay a foundation for students who wish to become profitable dressmakers and caterers.
- (4) To prepare students for graduate work in home economics.

Each student is required to have white aprons and simple low-heeled shoes for her work in foods.

Every student is required to purchase her own sewing materials which cost about four dollars for the first year. It is recommended that students bring with them a sewing bag, basket or box, containing needles, thimble, scissors, pins, tape measure and foot rule.

#### COURSE DESCRIPTION

HOME ECONOMICS 101. *Applied Art and Design.*—The development of good taste and appreciation of art; color and design and their application to individuals and the home. Credit, 4 hours.

HOME ECONOMICS 102. *Textiles and Laundering.*—The fundamental processes of textiles manufacture as related to textiles in every day use. The use of simple home tests for identifying quality of fabrics. Prerequisite: Chemistry 101.

HOME ECONOMICS 103. *Child Care.*—Children's behavior and the mental, physical and emotional factors influencing development; psychological development of the pre-school child, and major problems arising in guidance. Credit, 4 hours.

HOME ECONOMICS 111. *Food Problems.*—The fundamentals of food selection, its care, and preservation. Credit, 4 hours.

HOME ECONOMICS 113. *Food Preparation and Serving.*—Prerequisite: Home Economics 111. A continuation of Home Economics 111. Beverages, cereals, vegetables, batters and doughs, meats, poultry, fish, eggs, milk and cheese; the adequate diet, and preliminary work in meal planning and serving are considered. Credit, 4 hours.

HOME ECONOMICS 122. *Home Nursing.*—The importance of positive health and ways of obtaining and keeping it. Caring for the sick in the home. Credit, 4 hours.

HOME ECONOMICS 201. *Clothing Fundamentals.*—The fundamental process of clothing construction; the relation of textiles to garment construction and the use of commercial patterns. Credit, 4 hours.

HOME ECONOMICS 202. *Clothing, Garment Construction.*—Adaptation of commercial patterns and the construction of simple garments. Prerequisite: Home Economics 201. Credit, 4 hours.

HOME ECONOMICS 203. *Clothing for the Family.*—Clothing problems of the family including the selection and construction of children's garments, and renovation problems. Prerequisite: Home Economics 202. Credit, 4 hours.

HOME ECONOMICS 212. *Food Preparation and Serving.*—Prerequisite: Home Economics 113. Foods and their relation to body needs: kinds, distribution, preparation for market, composition, digestibility and value. Credit, 4 hours.

HOME ECONOMICS 300. *Home Management.*—Fundamentals of the home, and problems involved in home making. Families of various income levels are considered. The use of money, time and human energy; safety in performing household tasks; the use and care of utensils and equipment, and simple repairs of faucets and electrical supplies.

Six to nine week's residence in the Home Management House affords a home situation for the student to apply the principles of managing a home. Credit, 8 hours.

HOME ECONOMICS 301. *Nutrition.*—Prerequisites: Home Economics 111, 113, 212. The elements of nutrition and foods, and their contribution to human dietary requirements; prevention and correction of general malnutrition; planning adequate dietaries to meet specific ages and cases. Credit, 4 hours.

HOME ECONOMICS 302. *Costume Design.*—The study and sketching of Historic and Period costume and accessories, and how to apply them to present day styles for various types. Practical applications are made by first, sketching design, then draping. Prerequisite: Home Economics 203. Credit, 4 hours.

HOME ECONOMICS 303. *Advanced Clothing.*—Special problems in clothing construction and selection for advanced students; tailoring of wool and silk garments. Credit, 4 hours.

HOME ECONOMICS 307. *Home Planning.*—A study of the standards for the planning of homes, building and ownership. Special emphasis is placed on consumer knowledge, re-arranging, arranging, and sketching floor places. The selection and arrangement of furniture and accessories from an economic and artistic viewpoint. Credit, 4 hours. Prerequisite: Home Economics 101.

HOME ECONOMICS 411. *Food Service.*—Prerequisite: Home Economics 212. Meal planning and serving continued.—Practice in home cookery, fancy cookery, and the serving of both informal and formal meals.

HOME ECONOMICS 400. *Adult Homemaking.*—The philosophy of adult homemaking, the differences in teaching materials and techniques. Credit, 4 hours. Prerequisite: Home Economics Methods.

## DEPARTMENT OF ENGLISH LANGUAGE AND LITERATURE

Mrs. Holmes  
Mr. Jason

Mr. Richards  
Miss Jordan  
Mr. Claybrooks

Mr. Fletcher  
Mr. Cheaney

The general purposes of the department of English are as follows: (1) To train prospective teachers of English. (2) To train the student to speak and write correctly. (3) To teach the student to recognize and appreciate the lasting values in literature. (4) To teach the student the values of finding information in printed sources; to show the breadth of outlook and deepened sympathies which come from extensive association with many authors; to encourage the gradual development of a habit of seeking in progressively better and more challenging books a source of personal satisfaction and enjoyment.

### COURSE DESCRIPTION

**ENGLISH 100. Remedial English.**—A non-credit course required of all freshmen who fail to earn an acceptable mark on the English Placement Test and may be required of any student who demonstrates an inability to maintain a satisfactory standard of achievement in English 101, 102, or English 103. It is adapted to meet the needs of individual students in the rudiments of English grammar usage.

**ENGLISH 101. English Composition and Rhetoric.**—The consideration of the particular needs of different groups of students, classified according to their levels in the English Placement Examination. The basic habits and skills in English usage, such as: the essentials of grammar, punctuation, reading and spelling and sentence structure. Credit, 3 hours.

**ENGLISH 102. English Composition and Rhetoric.**—Application of the skills developed in the review of English grammar and usage to the writing of outlines, letters, summaries, precis, brief reports, paragraphs, and short expository letters. Collateral readings are required. Training in the use of the library for reference materials. Credit, 3 hours. Prerequisite: English 101. Required of all Freshmen.

**ENGLISH 103. English Composition and Rhetoric.**—A continuation of expository writing through the preparation of the informal essay, the biography, and the autobiography. One long formal paper is written. Frequent themes typed. Credit, 3 hours. Prerequisite: English 102. Required of all Freshmen.

**ENGLISH 201. Speech.**—A study of healthful habits of speaking, the consideration of individual difficulties in speech, and the development of effective speech in everyday discourse. Credit, 4 hours. Prerequisites: English 101 and 102. Required of all Sophomores.

**ENGLISH 202. Children's Literature.**—Prerequisites: English 101-103. In this course there is studied the literature which is especially suitable for use in the elementary grades. Considerable emphasis is placed upon the technique of presenting this literature to the child in story-telling, etc. Credit, 4 hours.

**ENGLISH 212. Survey of English Literature.**—A general study of types and forms of English Prose and Poetry; introduction to the interpretation and the appreciation of literature, and an association of literary movements with related social and historical backgrounds, from the earliest beginnings to the Romantic movement. Credit, 4 hours. Prerequisites: English 101, 102, and 103.

**ENGLISH 213. Survey of English Literature.**—A continuation of English 212, based on the literature of England from the Romantic Movement to the present. Credit, 4 hours. Prerequisites: English 101, 102, and 103.

**ENGLISH 223. American Literature.**—Critical and appreciative study of the major American writers, with attention to the background, tendencies, and movements in the political, social, and literary life in America. Credit, 4 hours. Prerequisites: English 101, 102 and 103.

**ENGLISH 301. Romanticism.**—The principles and ideas of Romanticism as expressed in the works of the principal English writers of poetry and prose from 1798 to 1832. Credit, 4 hours. Prerequisites: English 212 and 213.

**ENGLISH 302. Victorian Literature.**—The works of the principal authors of the Victorian era in relation to the problems of politics, intellectual, and social trends of the period. Prerequisites: English 212 and 213. Credit, 4 hours.

**ENGLISH 303. History of the English Language.**—The major facts concerning the place of English among the languages of the world and the history of its development from the earliest beginnings to the present time. Credit, 4 hours.

**ENGLISH 312. Shakespeare.**—Analysis, discussion and criticism of at least twelve of the principal plays of Shakespeare. A study of the literary background of Shakespeare together with his place in the development of Elizabethan drama. Credit, 4 hours.

**ENGLISH 321. Public Discussion and Debate.**—Credit, 4 hours.

ENGLISH 322. *Creative Writing*.—A study of creative expression for students who have demonstrated superior ability in the writing of English. Credit, 4 hours.

ENGLISH 323. *Contemporary Poetry*.—Evaluation of the modern poetry of England and America since 1900. Credit, 4 hours.

ENGLISH 331. *Dramatic Interpretation and Acting*.—The appreciation, interpretative reading and acting of scenes from the various forms of drama. Especially recommended for those who plan to teach English. Credit, 4 quarter hours.

ENGLISH 332. *Journalism*.—Theoretical and practical work in recognizing, gathering, and writing news. Discussion and critical evaluation of current journalistic techniques. Credit, 4 hours.

ENGLISH 333. *The English Novel*.—The genesis of the English novel, its debt to foreign writers, and its development to the present. Credit, 3 hours.

ENGLISH 342. *Stage Craft*.—Practical study of the planning, designing and construction of stage setting, lighting equipment, costumes and properties. Actual experience in stage management and make-up. Credit, 4 hours. Fee \$1.00.

ENGLISH 343. *Negro Literature*.—A survey of all important Negro writers from the earliest beginning to the present. Credit, 3 hours. Elective.

ENGLISH 402. *Browning*.—The works of Browning, in relation to the life and contributions of the period. Credit, 3 hours.

ENGLISH 411. *Tennyson*.—A detailed study of the major writings of Tennyson in relation to the political, social, and literary life of the period. Credit, 3 hours.

ENGLISH 412. *Milton*.—The major poetical and prose contributions of Milton. An attempt to develop appreciation of him as the outstanding Puritan and to trace his influence on English Literature. Credit, 3 hours.

ENGLISH 421. *Chaucer*.—Chaucer's principal writings in their relation to the Renaissance, his indebtedness to earlier writers, and his influence upon the development of the literature and the language of later times. Credit, 3 hours.

ENGLISH 442. *Honors Course*.—A program of reading is arranged for each student, with individual conferences and reports. This course is open only to Senior Majors and Minors in English, with superior ability. Prerequisite: Approval of instructor. Credit, 4-6 hours.

## THE DEPARTMENT OF FRENCH LANGUAGE AND LITERATURE

Mr. Richards

Mr. Claybrooks

Mr. Jason

The aims of the Department of French Language and Literature are as follows:

- (1) To so prepare students who are inclined toward the teaching of French in the high schools.
- (2) To acquaint students, who may desire to specialize, with the language and literature of the French people.
- (3) To give the necessary preparation to those students who may be desirous of doing graduate study.

### COURSE DESCRIPTION

FRENCH 101. *Elementary French*.—The elements of French; pronunciation, fundamentals of sentence structure, personal pronouns, verbs in the indicative modes; written work. Credit, 4 hours.

FRENCH 102. *Continuation of French 101*.—Constant drill on pronunciation; continuation of elementary grammar, and emphasis on reading phase. Credit, 4 hours.

FRENCH 103. *Completion of Elementary French*.—Difficult phases of French grammar and the reading of simple French texts. Credit, 4 hours.

FRENCH 201. *Intermediate French*.—The elements of French grammar, irregular French verbs, all fifteen French tenses; emphasis upon the conditional sentence, the written phase of French is stressed through the writing of themes and compositions. Credit, 4 hours.

FRENCH 202. *Continuation of French 201*.—Uses of and tenses in the subjunctive. Phonetic review for the benefit of those who may want to improve their pronunciation. Credit, 4 hours.

FRENCH 203. A summary of all French studied during the preceding five quarters. Reading of complicated French texts. Credit, 4 hours.

FRENCH 301. *Survey of French Literature*.—A rapid study of French Literature from its beginning through the 17th century, with emphasis upon the latter. Reading from Moliere, Racine, Corneille, the outstanding writers of the 17th century. Credit, 3 hours.

FRENCH 302. *Continuation of French 301*.—French Literature from the 18th century through the 19th. Works of Voltaire, Balzac, Hugo, are read and analyzed. Written reports and discussions. Credit, 3 hours.

FRENCH 303. *Contemporary French Literature*.—The outstanding modern French writers, namely: Jean Jacques Bernard, Andre Maurois, Anatole France, Eugene Brieux, Edmond Rostand, etc., are studied. Analysis of works, discussions, and written reports are required. Credit, 3 hours.

FRENCH 311. *French Composition*.—Emphasis upon the written word. Frequent compositions, illustrating all phases of grammar. Credit, 3 hours.

FRENCH 322. *French Conversation*.—Practice in the oral use of French. Emphasis upon the spoken word. Daily conversations on topics of interest. Credit, 3 hours.

FRENCH 401. *French Literature of the 18th Century*.—A period course, emphasizing the principal writers of this century. Special treatment of the works of Rousseau, Voltaire, Montesquieu. Credit, 3 hours.

FRENCH 402. *French Literature of the 19th Century*.—An analysis of the thought and work of the principal French Romanticists, particularly Victor Hugo, de Vigny, de Musset, Lamartine. Written reports and discussions required. Credit, 3 hours.

FRENCH 431. *French Phonetics*.—An analysis of separate sounds with oral practice, designed to correct the student's own pronunciation. This is followed by a study of the whole word, the sentence, the paragraph, and then the whole composition. Credit, 3 hours.

## DEPARTMENT OF HISTORY AND GOVERNMENT

Mr. Smith

Dr. Bradford

Mr. Cheaney

The Department of History and Government aims to give the student a knowledge of: (1) the privileges and duties of citizenship; (2) the relationship between the social, political, economic and intellectual forces in the modern world; and (3) an introduction to the basic historical methods.

### COURSE DESCRIPTION

HISTORY 101. *World Civilization*.—The typical literature, art, music, architecture, other fine arts, religions, and customs of various peoples and nations of the world. Effort is made to give a grasp of the historical and institutional setting from which these cultures came. Credit, 4 hours.

HISTORY 102. *World Civilization*.—Continuation of History 101. Credit, 4 hours.

HISTORY 201. *United States History*.—The political, economic, and social development of the United States from the colonial period to the present. Credit, 4 hours.

HISTORY 202. *United States History*.—Continuation of History 201. Credit, 4 hours.

HISTORY 301. *Modern Europe*.—A political and cultural history of modern Europe from the Renaissance to 1830 with emphasis upon the rise of national monarchies and the growth of democracy. Credit, 4 hours.

HISTORY 302. *Modern Europe*.—A continuation of History 301 with emphasis upon the growth of Nationalism in Italy and Germany; European diplomacy from 1871 to 1914; the World War; and national and international problems since the World War. Credit, 4 hours.

HISTORY 311. *National Government*.—A survey of the structure and function of the national government of the United States stressing the evolutionary nature of our constitutional republic. Credit, 4 hours.

HISTORY 312. *State Government*.—A survey of the structure and function of the state governments of the United States with emphasis upon the constitution and statutes of the Commonwealth of Kentucky. Credit, 4 hours.

HISTORY 313. *Problems of American Citizenship*.—A detailed study and discussion of a number of major questions which face the American citizen. Civil liberty, various types of governmental intervention in economic affairs; the race problem, preservation of peace, status of women, labor and capital, etc. Credit, 4 hours.

HISTORY 303. *Hispanic American History*.—A survey of the history of the nations of Hispanic America from the colonial period to the present. Particular attention is given their increasingly influential position in world affairs today. Credit, 4 hours.

HISTORY 323. *Southern History*.—The economic, social, political and cultural life in the Southern States from colonial times to the present. The influence of the South in the history of the nation prior to the Civil War; and modern problems of today. Credit, 4 hours.

HISTORY 401. *English History*.—A survey of English history from pre-Roman times to the close of the Glorious Revolution with particular emphasis upon constitutional developments. Credit, 4 hours.

HISTORY 402. *English History*.—A continuation of History 401. The growth of British democracy and world imperialism during the eighteenth, nineteenth, and twentieth centuries. Credit, 4 hours.

HISTORY 412. *Europe Since 1914*.—The causes and immediate results of the World War, 1914-1918; the national developments of the next two decades particularly in the major European countries; and the causes and progress of the World War which began in 1939. Credit, 4 hours.

## DEPARTMENT OF SOCIOLOGY AND ECONOMICS

Mr. Carmichael   Miss Simpson   Mr. Wright   Mr. Pryor

This department as a part of a larger educational pattern conceives its task as developing attitudes, abilities, and skills within the social disciplines so that those who study herein will lead richer, fuller, and more enjoyable personal lives and make a greater contribution to society. To these ends great emphasis is placed upon getting social insight. An adequate understanding of the social structure in its development and modifications is the comprehensive purposes of these disciplines.

Social Science 301 is a prerequisite to a major or minor in this department. Credit in this department will be given for courses in Principles of Accounting, Principles of Insurance, and Principles of Real Estate. These courses are offered in the Department of Business Administration.

### COURSE DESCRIPTION

SOCIAL SCIENCE 102. *Principles of Geography*.—The basic principles underlying the science of geography and the human use of resources; the earth's form and movements, climate, land forms, the ocean, soils, vegetation, and minerals. Credit, 3 hours.

SOCIAL SCIENCE 103. *Principles of Geography*.—A continuation of Social Science 102. Credit, 3 hours.

SOCIAL SCIENCE 201. *Introduction to the Social Sciences*.—Social Problems, Social Organization and Social Change, The Historical Development of Modern Industrial Society Out of Medieval Folk Society. Credit, 3 hours.

SOCIAL SCIENCE 202. *Introduction to the Social Sciences*.—Continuation of Social Science 201. General Characteristics of the Present Economic and Social Order. Credit, 3 hours.

SOCIAL SCIENCE 203. *Introduction to the Social Sciences*.—General Characteristics of the Present Political Order, The Role of Social Control in Contemporary Society, and the Emergency of International Society. Credit, 3 hours.

SOCIAL SCIENCE 213. *Geography of North America*.—A regional study of the North American continent with emphasis on the larger geographic regions within the borders of the United States and Alaska. Attention is given (1) the natural resources; (2) economic

activities of habitants, (3) significant locational features of each region studied, and (4) the importance of human relations to nature. Credit, 4 hours.

SOCIAL SCIENCE 301. *Introduction to the Study of Sociology*.—The development of society through the operation of physical, biological, psychological, and cultural factors. The manner in which society has developed in the past from the impact factors and the manner in which it operates today as a system of social organizations and controls. Credit, 3 hours.

SOCIAL SCIENCE 302. *Introduction to Sociology*.—Continuation of Social Science 301. Social Organization and Social Control. Credit, 3 hours.

SOCIAL SCIENCE 303. *Negro in America*.—A systematic sociological account of the Negro in the American scene. The historic, economic, geographic, political, and religious factors which contributed to his being brought to America and the influence of these factors on his existence in American life. Slave trade, servitude, slavery, personality types, miscegenation, citizenship, leadership, church, prejudice, and race consciousness are considered. Credit, 4 hours.

SOCIAL SCIENCE 311. *Principles of Economics*.—The place and methods of modern corporation, price and value theory, money and banking, problems of personal distribution and consumption, business cycle theory, realities and the place of the government in the economic order. Credit, 3 hours.

SOCIAL SCIENCE 312. *Principles of Economics*.—Continuation of 311. Credit, 3 hours.

SOCIAL SCIENCE 313. *Principles of Economics (Applied)*.—Continuation of 312. Credit, 3 hours.

SOCIAL SCIENCE 323. *Cultural Anthropology*.—Fossil man, prehistoric races, modern races; the origins, classifications, and problems of race, nationality, language, mental differences; the rise and spread of religion; civilization in native America. Guest lectures on craniology, cephalic, and anatomical indices. Laboratory experiments are limited to Anthropometric measurements and observations. Prerequisite: Social Science 301. Credit, 3 hours.

SOCIAL SCIENCE 331. *Rural Sociology*.—The educational, religious, social, economic, and political aspect of rural life. The relation of State and Federal Government to rural society. Credit, 3 hours.

SOCIAL SCIENCE 332. *Urban Sociology*.—The examination of urban social plans for concrete, usable data on such details as the management of manpower; the recognition of leaders and the delegation of authority; urban social and mechanical institutions; ecological and ethnical distribution; effects of cultures contributing to urbanization. Credit, 3 hours.

**SOCIAL SCIENCE 401. *Social Psychology.***—A study of the individual in the group situation. The social functions of language; the problems of the variations among human beings; and Social Interaction and Personality. Credit, 4 hours.

**SOCIAL SCIENCE 403. *Introduction to Social Case Work.***—Historical and current data available on Social Case work. The various requirements for entrance and training into Social Case Work. Field Trips. Observations of agencies, case studies, and techniques. Prerequisite: 9 major hours in Social Science. Credit, 3 hours.

**SOCIAL SCIENCE 405. *Consumer Economics.***—The economic and social problems involved in purchasing food, clothing and household goods. Problems in saving, banking and investing. Credit, 4 hours.

**SOCIAL SCIENCE 432. *Social Change.***—Open to seniors only. The social structure in its modifications through time. Relationship to the biophysical, the cultural, and the technological orders. Credit, 3 hours.

**SOCIAL SCIENCE 442. *The Family.***—The family and its relationship to changing societies; preparation for marriage; Marriage Interaction and Family Administration; Problems of Parenthood; Family Disorganization; and Prospects for the Future of the Family. Credit, 3 hours.

**SOCIAL SCIENCE 453. *Seminar in the Family.***—Credit 3 hours.

## DEPARTMENT OF BIOLOGY

Mr. Dixon

Mr. Taylor

The principal objectives of the Department of Biology are:

- (1) To provide a comprehensive biological background for all students of the college necessary for the understanding of related subject matter and general intellectual development.
- (2) To qualify major students to teach biology and other general science subjects in the Common Schools of Kentucky.
- (3) To provide the necessary biological backgrounds for student majors in other pure sciences and the applied sciences.
- (4) To give basic training toward qualifying students to pursue work in certain technical and vocational fields based upon the biological sciences.
- (5) To prepare students for entrance into studies leading to higher collegiate and professional degrees in biology and medicine.

## COURSE DESCRIPTION

**BIOLOGY 101. *Fundamental Biology.***—The fundamental organization of life and its functions in relation to the interacting forces of nature. Two hours lecture; four hours demonstration-laboratory per week. Credit, 4 hours.

**BIOLOGY 102. *Fundamental Biology.***—A survey of the plant and animal kingdoms with special consideration of plant and animal types and their relationships. Two hours lecture; four hours demonstration-laboratory per week. Prerequisite: Biology 101. Credit, 4 hours.

**BIOLOGY 103. *Fundamental Biology.***—Biological principles in relation to human needs. Primary consideration to normal body structures and functions; fuels for the body, health, diseases, poisons, control of the environment, heredity, and improvement of living conditions. Two hour lecture; four hours demonstration-laboratory per week. Prerequisite: Biology 102. Credit, 4 hours.

**BIOLOGY 201. *General Botany.***—The structure, functions, and relationships of plants. Two hours lecture; four hours laboratory per week. Prerequisite: Biology 102. Credit, 4 hours.

**BIOLOGY 202. *General Zoology.***—The structure, life processes, habitats, and classifications of animals. Two hours lecture; four hours laboratory per week. Prerequisite: Biology 102. Credit, 4 hours.

**BIOLOGY 301. *General Human Physiology.***—The life processes of the human body with specific implications of environmental influences. Two hours lecture; four hours laboratory per week. Prerequisite: Biology 202 for science majors. Credit, 4 hours.

**BIOLOGY 302. *General Bacteriology.***—The microbiology of bacteria, yeasts, and certain molds and protozoa; together with culture methods, identification, and consideration of the significance of micro-organisms in the home, agriculture, industry, and health. Two hours lecture; four hours laboratory per week. Prerequisite: Biology 103. Credit, 4 hours.

**BIOLOGY 303. *Genetics.***—A presentation of biological principles which account for the resemblances and differences among organisms; and the methods by which these principles may be applied to plant and animal breeding and human betterment. Three hours lecture-demonstration; two hours laboratory per week. Prerequisite: Biology 103. Credit, 4 hours.

**BIOLOGY 400. *Comparative Vertebrate Anatomy.***—A study of the morphology and relationship of chordates. A treatment of the ascending series of systemic development in mature animals. Two hours lecture; four hours laboratory per week. Prerequisite: Biology 202. Credit, 4 hours.

**BIOLOGY 401. General Entomology.**—The life histories, morphology, and relationship of insects. Emphasis upon field collections, identifications, and economic significance of insects. Two hours lecture; four hours laboratory per week. Prerequisite: Biology 202. Credit, 4 hours.

**BIOLOGY 410. Special Problems in Biology.**—For major students who show exceptional proficiency in biology; and who, under the advisement of the major professor, would desire to pursue an investigation in the field. Arranged. Credit, 3 to 6 hours.

## DEPARTMENT OF CHEMISTRY

Dr. Raines

Mr. Hale

The department offers instruction in the fundamental facts and principles of chemical science for:

- (1) The general student interested in the cultural phases of the subject.
- (2) Prospective teachers in the field of chemistry.
- (3) Students who are preparing themselves for careers in home economics, agriculture, medicine, etc.

### COURSE DESCRIPTION

**CHEMISTRY 101. General Chemistry.**—Acquaintance with the fundamental modes of thought of the chemist; laws and theories of chemistry from the experimental standpoint; illustration of the properties of certain non-metallic elements and their compounds; the laws on which the atomic theory is based; properties of gases, liquids and solids, solutions, theory of ionization and the law of mass action. Two hours lecture; four hours laboratory per week. Credit, 4 hours.

**CHEMISTRY 102. General Chemistry.**—Continuation of Chemistry 101. The equilibrium constants, indicators, common ion effect, solubility product principle, hydrogen ion concentration and Periodic Chart. Two hours lecture; four hours laboratory per week. Credit, 4 hours.

**CHEMISTRY 103. General Chemistry.**—Continuation of Chemistry 102. Relations of elements to each other are emphasized in connection with the Periodic System; the metallurgy of important metallic elements and a study of the Qualitative Analysis of these important elements. Two hours lecture; four hours laboratory per week. Credit, 4 hours.

**CHEMISTRY 201. Organic Chemistry.**—Prerequisite: Chemistry 103. The chemistry of the carbon compounds and the relationship existing between the various homologous series of aliphatic organic compounds. Two hours lecture; four hours laboratory per week. Credit, 4 hours.

**CHEMISTRY 202. Organic Chemistry.**—Prerequisite: Chemistry 201. A continuation of Chemistry 201. An introduction to the study and preparation of halogen derivatives, alcohols, aldehydes, acids, ketons amines, esters, and their related compounds; the Aromatic Series of hydrocarbons. Two hours lecture; four hours laboratory per week. Credit, 4 hours.

**CHEMISTRY 203. Organic Chemistry.**—Prerequisite: Chemistry 202. The aromatic hydrocarbons; tautomerism, stereoisomerism, and the aceto-acetic ester synthesis. Two hours lecture; four hours laboratory per week. Credit, 4 hours.

**CHEMISTRY 301. Qualitative Analysis.**—Prerequisite: Chemistry 103. A laboratory course. The theory of solutions and the balancing of equations; the methods of separating and identifying the common metals and acids; practice in analyzing unknown substances. Two hours lecture; six hours laboratory per week. Credit, 6 hours.

**CHEMISTRY 382. Quantitative Analysis. Volumetric Analysis.**—Prerequisite: Chemistry 301. Volumetric analysis, theory and practices, acidometry, alkalimetry, oxidation-reduction, iodimetry, indicators, and problems. Two hours lecture; eight hours laboratory per week. Credit, 6 hours.

**CHEMISTRY 393. Quantitative Analysis. Gravimetric Analysis.**—Prerequisite: Chemistry 301. Gravimetric methods of analysis with special emphasis upon the physicochemical principles. Two hours lecture; eight hours laboratory per week. Credit, 6 hours.

**CHEMISTRY 401. Physical Chemistry. Elementary Physical Chemistry.** (By permission of instructor.)—The fundamental principles of physical chemistry including the gas laws, Kinetic theory, solutions, ionization, colloids, rates of reactions, atomic structure and storage batteries. Lecture, two hours; laboratory, eight hours per week. Credit, 6 hours.

**CHEMISTRY 480. Special Problems in Chemistry.**—Advanced chemistry students who show promise in the field may pursue a problem of some special interest in chemistry. Amount of credit depends upon the nature of the problem. Arranged.

## THE DEPARTMENT OF MATHEMATICS AND PHYSICS

Mr. Jones

Mr. Gould

Mr. Shauntee

The objective of the Department of Mathematics are:

- (1) To offer a major in mathematics for those who plan to teach mathematics or prepare for advance study.
- (2) To give the mathematics back-ground for students of science, statistics, and engineering.

(3) To give a general picture of the important part mathematics has played in the development of civilization in ancient and modern times.

(4) To present mathematics as a way of thinking; and point out that many of the basic ideas of mathematics have had as their origin man's experience with physical objects.

#### COURSE DESCRIPTION

**MATHEMATICS 101. Algebra I.**—A rapid review of fundamental operations, study of Graphs, Systems of linear equations, Quadratics, System of Quadratics, Ratio, Proportion, Variation, Progression, Inequalities, and an introduction to Complex Numbers. Prerequisite: High School Algebra. Credit, 4 hours.

**MATHEMATICS 102. Algebra II.**—Theory of equations, logarithms, exponentials, binomial theorem, mathematical induction, probability, partial fractions, permutations, combinations, and an introduction to series. Prerequisite: Algebra I. Credit, 4 hours.

**MATHEMATICS 103—Trigonometry.**

**MATHEMATICS 113. Teachers Arithmetic.**—A review of the essentials of arithmetic, development of skill, accuracy, and methods of teaching fundamentals of arithmetic to pupils in the elementary school. Credit, 3 hours.

**MATHEMATICS 201. Analytic Geometry.**—A study of the Algebraic properties of straight lines, planes, circles, parabola, hyperbola, ellipse and sphere. Direction cosines and determinants are developed and used in connection with this study. Prerequisites: Mathematics 101 and 102. Credit, 4 hours.

**MATHEMATICS 202. Solid Analytic Geometry.**—A continuation of Mathematics 201. Methods are applied to space of 3-dimensions. Direction cosines, Transformation of Coordinates, Volumes, Areas and Quadratic Surfaces are studied. Prerequisite: Mathematics 201. Credit, 4 hours.

**MATHEMATICS 301. Calculus.**—Variables, functions and limits and differentiation of algebraic and transcendental functions; differentials, curvature, mean-value theorem with stress upon the application of processes. Prerequisites: Mathematics 101, 102, 201. Credit, 3 hours.

**MATHEMATICS 302. Calculus.**—Integration of standard elementary forms, integration by parts, partial fraction method, integration as a process of summation. Applications are made to physics and chemistry. Prerequisite: Mathematics 301. Credit, 3 hours.

**MATHEMATICS 303. Calculus.**—A continuation of Mathematics 301 and 302, with special emphasis on Taylors and Maclaurins series, partial derivatives, centroids, moment of inertia, and multiple integrals. Prerequisite: Mathematics 302. Credit, 3 hours.

**MATHEMATICS 313. Theory of Equations.**—Elementary theorems of algebraic equations, solutions of cubic and quartic equations, isolations of roots, graphs, symmetric functions and determinants. Prerequisite: Mathematics 301. Credit, 4 hours.

**MATHEMATICS 401. Differential Equations.**—This course is designed to meet the needs of students of Pure and Applied Mathematics and Science. Prerequisite: Mathematics 302. Credit, 4 hours.

**MATHEMATICS 412. College Geometry.**—Geometrical constructions, properties of triangle, transversals, harmonic properties of circles, inversion and recent geometry of triangle. Designed for students who expect to teach high school geometry. Prerequisite: Plane Geometry. Lecture and recitation. Credit, 4 hours.

**SCIENCE 201, 202. Introduction to the Physical Sciences.** A general course through which the student will become acquainted with the physical phenomena about him and with methods of scientific inquiry through which an intelligent understanding of these phenomena may be attained. Credit, 4 hours each quarter.

**SCIENCE 211. General Physics.**—A general elementary course covering Mechanics, Wave Motion, and Heat. Lectures, recitation and laboratory. Credit, 4 hours.

**SCIENCE 212. General Physics.**—A continuation of Science 211 into a further study of Heat. The major part of this course will be devoted to Magnetism and Electricity. Lectures, laboratory and recitation. Credit, 4 hours.

**SCIENCE 213. General Physics.**—Sound and light. Lectures, recitations and laboratory. Credit, 4 hours.

**SCIENCE 303. Electricity and Magnetism.**—For students who desire to continue the study of electricity and magnetism begun in Science 212. Prerequisites: Science 212 and Mathematics 302. Credit, 3 hours.

#### DEPARTMENT OF EDUCATION

Mr. Dailey	Miss Wilson	Mrs. Morton
Mrs. Hitch	Miss Madison	Miss Simpson

#### AIMS

The courses and curricula of the Department of Education are designed with the following aims in view:

- (1) To furnish the general student as well as the prospective teacher—
  - (a) With an understanding of the educational process of which he is being subjected.
  - (b) To afford opportunity for appreciation of Education as a fundamental social institution.

- (2) To contribute to an understanding of the problems of what the school should be and what teachers should do in the process of carrying on the education of individuals.
- (3) As specific objectives, the department offers courses to meet the Education requirements of the State of Kentucky for obtaining teacher's certificates in (a) elementary education, (b) secondary education, and (c) supervision and administration of elementary and high schools.

#### COURSE DESCRIPTION

**EDUCATION 100. Freshman Orientation.**—Principles underlying successful study and use of the library; orientation in the college life and practices; methods of mental efficiency; a help class for freshmen. No credit.

**EDUCATION 103. Introduction to Education.**—An orientation course in Education functioning as a practical guide to the professional study of the subject. It provides a panoramic view of all that the study of education has to offer and helps students to choose their courses wisely. Credit, 4 hours.

**EDUCATION 203. Educational Psychology.**—An application of psychology to the problems of learning and teaching. Credit, 4 hours.

**EDUCATION 223. History of Education in the United States.**—The history of the development of the public school system in the United States. Designed to give a background for the appreciation of the aims and purposes of modern education. Credit, 4 hours.

**EDUCATION 353. Survey of Educational Literature.**—To acquaint the student with current and historic educational writers and their contributions to various fields of educational discussion. Writers are so grouped that opportunity is afforded for orientation in educational theories. Reports and individual assignments feature the course. Credit, 2 hours.

**EDUCATION 402. Tests and Measurements.**—Tests are studied and used with the aim of acquainting the prospective teacher with their use, purpose and comparative value. The philosophy underlying the measurement movement is developed and criticised. Credit, 3 hours.

**EDUCATION 440. Educational Statistics.**—An application of statistical and graphical methods of educational data. Credit, 3 hours.

**EDUCATION 441. Educational Sociology.**—The social factors upon which sound educational theory should rest. Consideration is given social forces which should determine the selection of school subjects and their content. Credit, 3 hours.

**EDUCATION 442. Supervision of Instruction.**—The general problems, principles and procedures in the supervision of elementary and secondary instruction. Credit, 4 hours.

#### ELEMENTARY EDUCATION

**ART EDUCATION 101. Principles of Art Education.**—The course, as taught, will deal with the two major themes, appreciation and creation, with emphasis on the appreciative angle. Lettering, color theory and application, laws of design and their application, and picture study will be stressed. As a part of the development of their various problems in poster making, book covers, color arrangement, etc.; the student learns how and when to use to the best advantage the following media: pencil, crayon and water colors. An Introductory Course. Credit, 2 hours.

**ART EDUCATION 102. Industrial Arts for Elementary Grades.**—A practical course involving the use of tools and various materials suitable for classroom use. Industrial arts is considered as closely integrated with all school work. Suggested activities are evaluated and methods of presentation are discussed. Typical units are worked out. Activities: making decorative papers, simple bookbinding, clay modeling, weaving, and blockprinting. Credit, 2 hours.

**EDUCATION 113. Penmanship for Teachers.**—One of the standard systems of writing is used as a guide to the attainment of a degree of writing efficiency as required for a teacher's certificate in penmanship. Credit, 1 hour.

**EDUCATION 201-202. Fundamentals of Elementary Education.**—To provide a graduated approach to student teaching in the elementary grades. Course 201 is devoted to problems of school management; how to handle these problems with minimum time and energy; how to cultivate a constructive and harmonious attitude toward school-community relations. The concept of a well organized, well managed school is sought through directed observation in the college Practice School. Course 202 deals most largely with problems of elementary classroom teaching. Study and practice are given in organizing materials for class work; acquainting pupils with modern methods of teaching the elementary subjects. The state course of study is a constant supplement to the chosen text. Credit, 4 hours per course.

**EDUCATION 213. Teaching of Reading.**—A method course designed to point out the knowledge and skill necessary for successful work as a teacher of reading in both the primary and grammar grades. Actual practice is given in teaching children to read. The problem of measuring progress is a distinct part of the course. Credit, 4 hours.

EDUCATION 301. *Child Psychology*.—The development of behavior from birth to maturity. The problems of conduct arising during infancy and childhood in relation to child care and training. Students are taught how to observe and to interpret the behavior of children, and to cultivate a sympathetic and understanding attitude toward child life. Credit, 4 hours.

EDUCATION 332. *Special Problems of Rural Home and Farm Life*.—Designed to motivate rural teachers to become aware of the resources of farm life, and to provide practice in using these resources to make rural life a more satisfying and joyous experience. Credit, 3 hours.

EDUCATION 333. *The School's Activity in the Rural Community*.—Background of rural problems, Leadership problems, Church problems, Teacher Community leadership and planning the school's activities in community affairs. Credit, 4 hours.

EDUCATION 400 ELEM. *Directed Teaching in Elementary Schools*. Practice in teaching the elementary subjects, and management of classes is given under immediate direction of the Practice School staff in the college Practice School. Adequate facilities are provided for observation and participation in the regular work of the school. Periods arranged. Credit, 8 hours.

EDUCATION 401. *Elementary School Organization and Management*.—A course designed for prospective teachers and principals in the elementary schools of the state, rural and urban. Topics of discussion include State Educational Machinery, Local Educational Machinery, School Attendance Laws, the Census, the School Plant, Constructing the Daily Program, the Course of Study, Pupil Management and Control, Selection and Adoption of Texts and Collateral Materials, the Library, Types of Records and Reports, Ethics of the Teaching Profession, etc. Credit, 3 hours.

EDUCATION 421. *Organization and Management of the Small Rural School*.—For prospective teachers in small elementary schools. School Laws, the school plant, the daily program, lesson plans, records and reports, etc. Credit, 4 hours.

## SECONDARY EDUCATION

EDUCATION 302. *Vocational Education*.—A study of the principles underlying vocational education with emphasis upon the relation of vocational education to the community. Particular reference is made to the applications of these principles to the vocational situation of Negroes in Kentucky and elsewhere. An aim is to fit the student to plan, teach, and supervise vocational work, especially in high schools. Credit, 3 hours.

EDUCATION 312. *Extra-Curricular Activities*.—Underlying principles, faculty activities, home-room activities, student council, clubs, athletics, publications, dramatics, honor societies, commencements, etc. Credit, 3 hours.

EDUCATION 321. *Principles of Secondary Education*.—The purpose is to present a brief, suggestive discussion of the underlying philosophy of secondary education. The larger aims and problems of the high school are given practical treatment. Credit, 2 hours.

EDUCATION 411. *Administration of the High Schools*.—Primarily for high school principals and prospective administrators. Organization, the principal, the staff, the pupil, program of studies, schedules, community relationship, records and reports, articulation, library, plant, finance, and the aims of secondary education. Credit, 3 hours.

EDUCATION 400. *Directed Teaching in High School*.—Credit, 8 hours. (Offered in practically all Departments.)

EDUCATION 410-H. *Home Economics Methods*.—Credit, 5 hours.

EDUCATION 410-A. *Agricultural Methods*.—Credit, 4 hours.

EDUCATION 410-E. *Methods of Teaching English*.—Credit, 4 hours.

EDUCATION 410 S-S. *Methods of Teaching the Social Sciences*.—Credit, 3 hours.

EDUCATION 410 N-S. *Methods of Teaching Natural Science*.—Credit, 3 hours.

EDUCATION 410-M. *Methods of Teaching Mathematics*.—Credit, 3 hours.

EDUCATION 410 B. ED. *Methods and Materials*.—Credit, 6 hours.

EDUCATION 432. *Problems of Modern Education*.—Credit, 3 hours.

EDUCATION 442. *Psychology of Adolescence*.—Credit, 4 hours.

## DEPARTMENT OF PHYSICAL AND HEALTH EDUCATION

Mr. White      Miss Ford      Mr. Adams      Mr. Edwards

The Department of Health and Physical Education realizing that education is concerned with life has the following aims:

1. To provide a vocation for livelihood.

2. To provide activities that fit the individual biologically, sociologically, and psychologically.
3. To help the individual acquire a love of active out-of-doors life that will continue throughout life.
4. To instruct in conserving and improving health.
5. To establish health habits.
6. To develop strength, beauty, and grace.

#### COURSE DESCRIPTION

PHYSICAL EDUCATION 101 (M-W). *Orientation in Physical Education*.—Guidance to all entering Freshman students in the selection of physical activity. An attempt to develop appreciation for physical education by participation in a varied number of activities. Credit, 1 hour.

PHYSICAL EDUCATION 102 (M-W). *Volleyball and Basketball*.—The fundamentals of volleyball and basketball through individual and group participation. The learning of rules and skills. Offensive and defensive individual and team tactics. Credit, 1 hour.

PHYSICAL EDUCATION 103 (M-W). *Softball and Hockey*.—Fundamental skills in game situations in softball and hockey. Rules, techniques in catching, throwing, pitching, and striking as well as offensive and defensive tactics. Credit, 1 hour.

PHYSICAL EDUCATION 112 (M-W). *Low Organized Games and Minor Sports*.—Fundamental skills and practice in elementary stunts and sports; rolls, balances, headstands, as well as the mechanics involved in successfully participating in low organized games. Credit, 1 hour.

PHYSICAL EDUCATION 113 (W). *Elementary Tap and Folk Dancing*.—The fundamental and basic steps used in simple folk dances. The basis for an appreciation of European and American folk music is considered and elementary and simple tap and clog steps are taught. Credit, 1 hour.

PHYSICAL EDUCATION 121. *Personal Hygiene*.—A study of the factors involved in personal health to develop proper habits and attitudes relative to the individual. Credit, 3 hours.

PHYSICAL EDUCATION 122. *First Aid*.—To teach by means of lectures, demonstrations and practice, methods of administering first aid in the home, school, playground and average community. Credit, 3 hours.

PHYSICAL EDUCATION 123 (M). *Archery and Tennis*.—Individual and group instruction in archery and tennis. The fundamental strokes, grips, stance, and other points relating to form in tennis. Stress in archery is placed on the stance, draw, and accuracy. Credit, 1 hour.

PHYSICAL EDUCATION 132. *Modern and Social Dancing*.—Fundamentals of modern and social dancing to develop grace and beauty in dancing. (Required of Majors.) Credit, 1 hour.

PHYSICAL EDUCATION 133. *Folk and National Dancing*.—A study of folk and national dances suitable for junior and senior high schools, with emphasis on their historical and racial significance. (Required of Majors.) Credit, 1 hour.

PHYSICAL EDUCATION 200 (M-W). *Stunts and Tumbling*.—The development of skills in techniques in elementary tumbling, forward and backward rolls, headstand, handstand, and balances. Group instruction in pyramid building and stunts. Credit, 1 hour.

PHYSICAL EDUCATION 201 (M-W). *Speedball and Soccer*.—Fundamental skills in game situations in speedball and soccer. Individual techniques in heading, stopping the ball, kicking and offensive and defensive tactics are taught. Credit, 1 hour.

PHYSICAL EDUCATION 201a. *Physical Education Practice*.—Practice given to majors as squad leaders in 101, and the techniques and methods for touch football, soccer, speedball and hockey. (Majors only.) Credits, 2 hours.

PHYSICAL EDUCATION 202a. *Physical Education Practice*.—Practice given to majors as squad leaders in 102, and the techniques and methods for volleyball, stunts and tumbling and basketball. (Majors only.) Credit, 2 hours.

PHYSICAL EDUCATION 203a. *Physical Education Practice*.—Practice given to majors as squad leaders in 103, and the techniques and methods for tennis, softball, track and field, archery. (Majors only.) Credit, 2 hours.

PHYSICAL EDUCATION 221. *Human Anatomy*.—The gross anatomy of the systems of the body, with emphasis on the muscular and skeletal systems and bodily movements. Credit, 3 hours.

PHYSICAL EDUCATION 222. *Physiology*.—A study of the functions of the human body. (Required of all Majors.) Credit, 3 hours.

PHYSICAL EDUCATION 302. *Health and Safety*.—Organization and administration of a health education program in the public schools. Methods in teaching health information, lesson planning, correlation of health with other subjects, safety in the home, safety on the highways, etc. Credit, 4 hours.

PHYSICAL EDUCATION 311. *Materials and Methods for the Elementary Schools.*—Materials and methods in physical education of the informal type. Story plays, rhythms, dramatic plays, lesson planning, and curriculum construction on the elementary level. (Required of Majors.) Credit, 3 hours.

PHYSICAL EDUCATION 312. *Theory and Practice of Organized Play.*—Administration of a course in the presentation of games, story plays, arts and crafts, camping activities, and the development of play leaders for recreational centers, playgrounds and camps. (Required of Majors.) Credits, 2 hours.

PHYSICAL EDUCATION 313. *Correctives.*—An examination of mechanics of body movements and practice in discovering and correcting postural defects. Credit, 3 hours.

PHYSICAL EDUCATION 321. *History and Principles of Physical Education.*—A study of the principles basic to the field. (Required of Majors.) Credit, 3 hours.

PHYSICAL EDUCATION 322. *Materials and Methods in Jr. and Sr. High Schools.*—The problems, activities, lesson planning, objectives, grading, teaching, and construction of curricula. (Required of Majors.) Credit, 3 hours.

PHYSICAL EDUCATION 323. *Organization and Administration of Intramural Athletics.*—A course in the organization and administration of Intramural activities on the Jr. and Sr. high school levels, with emphasis on publicity, awards, tournaments, scoring, records, constructions and by-laws. Credit, 3 hours.

PHYSICAL EDUCATION 331. *Advanced Technique in Badminton and Tennis.*—A course designed to give majors in the field more practice in the techniques of badminton and tennis. (Required of Majors.) Credit, 1 hour.

PHYSICAL EDUCATION 332. *Minor Sports.*—Development of skills in: ping-pong, shuffleboard, darts, bat tennis. Majors required to pass a performance test. (Required of Majors.) Credit, 1 hour.

PHYSICAL EDUCATION 333. *Archery.*—A course in the advanced techniques and skills of archery. (Required of Majors.) Credit, 1 hour.

PHYSICAL EDUCATION 343. *Boxing and Wrestling.*—To develop techniques in boxing and wrestling. Credit, 1 hour.

PHYSICAL EDUCATION 401. *Seminar in Health and Physical Education.*—A course designed to give instruction on the overall problems in the field with practice in activities taught in previous years, research. Credit, 3 hours.

PHYSICAL EDUCATION 402. *The Organization and Administration of Physical Education.*—A study of the certification, qualification, tenure, salaries, and duties of teachers, coaches, and supervisors. (Required of Majors.) Credit, 3 hours.

## DEPARTMENT OF MUSIC EDUCATION

Mrs. Michaels

Miss Branch

The main objective of all courses offered in the Department of Music Education is the preparation of students to teach music in the public schools.

Students studying music have excellent opportunities to obtain invaluable practical experience from the various vocal and instrumental groups and student recitals, all of which are integral parts of campus activities.

MUSIC EDUCATION 101. *Public School Music.*—The elements of music and song singing with appreciation of their musical beauty and literary content. Problems in tone, time, and theory. Credit, 3 hours.

MUSIC EDUCATION 102. *Public School Music.*—Continuation of 101. Prerequisite: 101. Credit, 3 hours.

MUSIC EDUCATION 201. *Sight-Singing and Ear Training.*—The major scales and the relative harmonic minor of each, leading up to recognition and ability to write simple intervals, triads, melodies, and drill in simple rhythms. Sight singing from text and supplementary books. Prerequisite: 101. Credit, 2 hours.

MUSIC EDUCATION 202. *Sight-Singing and Ear Training.*—A continuation of Music Education 201 with the addition of advanced intervals, chords, melodies for singing and dictation and more complicated rhythms. Simple exercises in harmonic dictation. Prerequisites: 201, 101. Credit, 2 hours.

MUSIC EDUCATION 203. *Sight-Singing and Ear Training.*—Intensive drill in free, melodic, rhythmic (simple syncopation) and harmonic dictation. Phrasing (form) and rhythm emphasized in Sight Singing. Prerequisite: Mus. Ed. 202. Credit, 2 hours.

MUSIC EDUCATION 301. *Harmony I.*—The formation of such habits as are essential to the harmonizing of tunes, written and keyboard. A thorough study of all scales in many forms, and exercises in melody writing using the principal chords in fundamental position. Prerequisite: Mus. Ed. 203. Credit, 3 hours.

MUSIC EDUCATION 302. *Harmony II.*—Exercises in harmonizing melodies and basses, using the simple triads in fundamental position, first and second inversions. Use of figured bases, five-sevens and modulations. Prerequisites: Mus. Ed. 301. Credit, 3 hours.

MUSIC EDUCATION 303. *Harmony III.*—Continuation of Mus. Ed. 302, using all chords and inversions, developing sequences. Study of simple forms; chord analysis of simple compositions. Assigned melodies, basses and original work. (Keyboard harmony is the most important phase of this course, and special emphasis is placed on it during each quarter. The type of work done at the keyboard follows the written part as closely as possible.) Prerequisite: Mus. Ed. 302. Credit, 3 hours.

MUSIC EDUCATION 311. *Music in Elementary Grades.*—Materials and methods of teaching vocal music in grades one to six including treatment of the child voice, rote singing, treatment of monotones, and sight singing. Prerequisite: Mus. Ed. 101. Credit, 4 hours.

MUSIC EDUCATION 313. *Music in Junior and Senior High Schools.*—Materials and methods for teaching in grades seven, eight, and nine including an analysis of the problems peculiar to these grades, voice testing, part singing, organization and conduct of glee club. Prerequisite: Mus. Ed. 311. Credit, 4 hours.

MUSIC EDUCATION 401. *History and Appreciation.*—The origin and development of music, beginning with primitive man and including music of the middle ages and a study of the elements of Music. Comparison of the development of music with that of the other arts. Illustrated by the use of the piano and phonograph. Credit, 4 hours.

MUSIC EDUCATION 402. *History and Appreciation.*—Recognition of major works both instrumental and vocal. Drill in listening to complicated musical forms. A study of the lives of great composers and the importance of their contributions. The source and significance of the rise of jazz in modern times. Prerequisite: Mus. Ed. 401. Credit, 4 hours.

MUSIC EDUCATION 413. *Conducting.*—The development of hand and baton technique and study of easy examples of score reading. Practical experience under supervision and criticism in conducting vocal groups. Prerequisite: Mus. Ed. 203. Credit, 2 hours.

## EXTENSION INSTRUCTION

### PURPOSE

Kentucky State College through extension instruction seeks to provide study for adults who have not pursued all or part of a college

curriculum, or having had a part of it, desire to continue such a curriculum.

THE CURRICULUM.—The courses offered in extension differ little, if at all, from those required of the regular students of the college. The general rule is to offer through extension only what is found in the general program of the college, especially if credit toward a degree is involved.

THE FACULTY.—The ordinary practice is to engage members of the regular teaching staff for extension instruction on the basis of additional compensation.

TEXTBOOKS.—Usually the ordinary college textbooks are used for extension classes, but occasionally there is a substitution of a textbook in which the materials are given a more popular or less technical treatment.

PROCEDURE.—It is understood that extension classes are to meet at times and places most convenient for the students and instructors, such places to be furnished by the extension students. Certain classes may be held on the college campus without additional cost to the students.

FEES AND CREDIT.—The extension student enrolls separately for each course he wishes to pursue, and pays for it as a unit. Credit is based on an hour for hour plan as in residence, and extension classes must conform as nearly as practicable to the quarter organization of the institution. The general tuition fee is \$15.00 for one quarter hour. The minimum total tuition fees collected from any one extension class is \$150.00. Each student when enrolling must pay a \$5.00 registration fee. Extension credits are recorded in the office of the College Registrar. Fees are payable at the organization meeting of the class. In no case may a class meet the third time until the entire class payment is made. No fees will be refunded.

EXAMINATION.—Final examinations are always required where credits or certificates are sought.

APPLICATION FOR EXTENSION CLASSES.—All correspondence pertaining to the organization of extension classes should be addressed to the Dean of the College.

### CORRESPONDENCE COURSES

Kentucky State College co-operates with the University of Kentucky (Lexington) in offering extension and correspondence courses. For further information write "The Department of University Extension, University of Kentucky."